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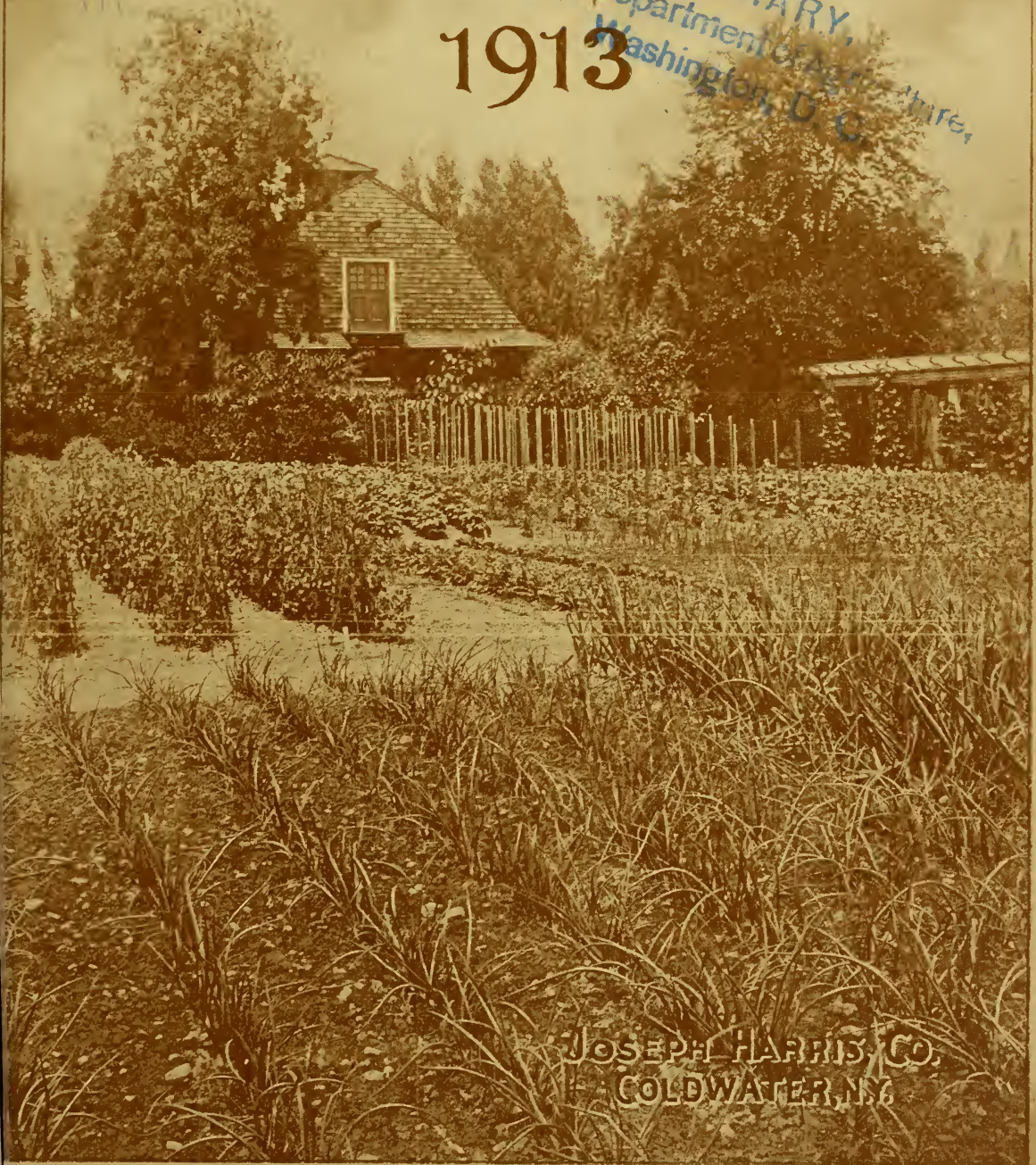


W. H. Jones S.

# HARRIS' SEEDS

1913

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JOSEPH HARRIS & CO.  
COLDWATER, N.C.



# DIRECTIONS ABOUT ODERING

**Making out the Order.** An order sheet which is attached to this catalogue will be found convenient to use. Please write *your name very distinctly* and give your full postoffice address, and also state *how you wish the seeds sent*, whether by mail, express or freight. If the seeds etc., are to be sent by freight or express *give your nearest railroad station or express office* if different from your postoffice.

**How to send money.** Money is most conveniently and safely sent in the form of a postoffice money order, express money order or check. *We will accept personal checks without exchange.* Small amounts may be sent in postage stamps, it is not safe to send silver.

**We take all the risk** of money reaching us if it is sent in the form of a postal money order, bank draft or registered letter.

## BOOKS

At Reduced Prices.

<p>We can furnish the following books postpaid, at reduced prices quoted below, which are in most cases lower than charged by the publishers:</p> <p><b>Farm Grasses.</b> By W. J. Spillman. Describes the different kinds of grasses and tells which is best to use on certain soils, a very valuable work..... \$1 00</p> <p><b>Peas and Pea Culture.</b> By Glen C. Sevey. Goes fully into the subject..... 50</p> <p><b>Melon Culture.</b> By James Troop. Professor of Horticulture at Purdue University, where extensive experiments have lately been made in the cultivation of Melons. 50</p> <p><b>The Vegetable Garden.</b> By Ida D. Bennett. This is one of the best books on the subject we have seen. It not only gives good advice about raising all kinds of vegetables but it also tells how to cook them. Price postpaid 1 20</p> <p><b>Insects Injurious to Vegetables.</b> By Dr. F. H. Crittenden. If you want to know all about insects that destroy crops, send for this book..... 1 45</p> <p><b>Bean Culture.</b> All about Beans from planting to marketing. Illustrated. 144 pages. Cloth..... 50</p> <p><b>Celery Culture.</b> By W. R. Beattie. A practical guide for beginners and of interest and profit to others. Illustrated. 150 pages..... 50</p> <p><b>The Principles of Vegetable Gardening.</b> By Prof. Bailey. A very complete and practical work..... 1 40</p> <p><b>Ginseng.</b> Its culture, harvesting and marketing ..... 45</p>	<p>\$ 45</p> <p>45</p> <p>45</p> <p>45</p> <p>50</p> <p>1 40</p> <p>90</p> <p>95</p> <p>20</p> <p>45</p> <p>1 00</p> <p>75</p>	<p><b>Alfalfa.</b> By F. D. Coburn. All about raising this important crop. 160 pages.....</p> <p><b>Cabbage, Cauliflower and Allied Vegetables.</b> By an expert (C. L. Allen). The best work on the subject.....</p> <p><b>Asparagus.</b> A book giving the modern methods of raising Asparagus; a book of 174 pages.....</p> <p><b>The New Rhubarb Culture.</b> All about forcing and outdoor culture.....</p> <p><b>Tomato Culture.</b> By W. W. Tracy. A book for the man who wants the latest and most complete information on the subject.....</p> <p><b>Talks on Manures.</b> By Joseph Harris, M. S. New edition. A practical and complete work on Manures and Fertilizers, containing 40 chapters, 366 pages.....</p> <p><b>"Harris on the Pig."</b> By Joseph Harris. Revised edition</p> <p><b>Forage Crops.</b> Other than grasses. How to cultivate, harvest and use them. By Thomas Shaw.....</p> <p><b>Onions, How to Raise Them Profitably.</b>.....</p> <p><b>Spraying Crops.</b> How and when to do it. By Prof. Clarence M. Weed. New and enlarged edition, thoroughly up to date.....</p> <p><b>How to Make the Garden Pay.</b> By T. Greiner. A complete book on gardening, from making a hotbed to harvesting the crops—written by a practical man.....</p> <p><b>The Potato.</b> By Samuel Fraser. A complete and up-to-date guide to Potato culture. 200 pages.....</p>
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## INDEX

	Page		Page		Page
<b>Vegetable and Field Seed.</b>		<b>Squash</b> .....	40	<b>Chrysanthemum</b> ..	58
Alfalfa.....	53	Herbs.....	43	Clarkia.....	57
Artichoke.....	16	Horse Radish Sets 11,	23	Cobaea Scandens...	58
Asparagus.....	16	Hungarian Grass...	52	Cockscomb.....	59
Barley.....	46	Kaffir Millet.....	52	Collection of Flow-	
Basil.....	43	Kafir Corn.....	53	ers.....	69
Beans.....	6, 17	Kale.....	23	Columbine.....	57
" Soy.....	62	Kohl Rabi.....	28	Convolvulus, See	
Beets, Garden.....	11, 19	Lavender.....	43	Morning Glory..	62
" for Stock....	20	Lawn Grass Seed....	54	Cornflower.....	56
Borage.....	43	Leek.....	30	Cosmos.....	59
Borecole.....	28	Lettuce.....	11, 29	Dahlia.....	59
Brussels Sprouts...	7, 21	Lima Beans.....	18, 19	Daisy, Shasta.....	60
" Plants.....	72	Mangels.....	20	Delphinium.....	59
Buckwheat.....	46	Marjoram, Sweet..	43	Dianthus.....	60
Cabbage.....	6-8, 21	Melon, Musk.....	12, 13, 30	Digitalis.....	61
" Plants.....	72	" Water.....	31	Dimorphaea	
Cantaloupe, (See		Millet.....	62	Aurantiaca	60
Musk Melon)....	80	Mustard.....	32	Eschscholtzia.....	60
Canada Field Peas	52	Oats.....	47	Everlasting.....	60
Caraway.....	43	Okra.....	32	Forget-Me-Not.....	61
Carrots.....	24	Onion.....	32	Forglove.....	61
Cauliflower.....	7, 8, 21	" Sets.....	34	Gallardia.....	61
" Plants.....	72	Oyster plant.....	39	Gladiolus.....	70
Celery.....	9, 25	Parsley.....	13, 35	Gourds.....	61
" Plants.....	72	Parsnip.....	37	Helichrysum.....	60
Celeriac.....	25	Peas, Garden.....	12, 35	" plants.....	61
Chard.....	20	" Field.....	53	Heliotrope.....	60
Chicory.....	23	Pepper.....	37	" plants.....	71
Clover.....	54	" Plants.....	72	Hollyhock, seed....	61
Collards.....	23	Pieplant.....	38	" plants..	70
Coriander.....	43	Pop Corn.....	25	Kochia.....	61
Corn, Field.....	48	Potatoes.....	43	Kudzu Vine.....	61
" Sweet.....	10, 26	Potato Cutter.....	73	Larkspur.....	59, 62
" Pop.....	25	Pumpkin.....	37	Margold.....	62
Corn Salad.....	25	Radish.....	38	Mignonette.....	62
Cow Peas.....	52	Rape.....	52	Morning Glory.....	62
Cress.....	25	Red Top.....	54	Mourning Bride...	62
Cucumbers.....	8, 27	Rhubarb seed and		Nasutosis.....	61
Dandelion.....	28	roots.....	38	Nasturtiums.....	63
Dill.....	43	Romaine.....	29	Nicotiana.....	63
Egg Plant.....	28	Rosemary.....	43	Peas, Sweet.....	65
" Plants.....	72	Ruta Baga.....	42	Pansy.....	64
Emmer.....	46	Rye.....	62	" plants.....	71
Endive.....	28	Salsify.....	39	Petunia.....	63
Fennel.....	43	Sage.....	43	Phlox Drummond	
Field Peas.....	52	Sorghum.....	39	" Perennial	
Field Seeds.....	46-54	Sorrel.....	39	" plants.....	70
Gourds.....	61	Soy Beans.....	52	Pinks, see Dian-	
Grass Seeds.....	53	Speltz.....	46	" thus.....	60
		Spinach.....	14, 39	" thus.....	60
		Spinach Beet, see		Portulaca.....	63
		Chard.....	20	Pyrethrum.....	67, 71



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JOSEPH HARRIS CO.

MORETON FARM, COLDWATER, N. Y.

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Please state whether you raise vegetables for private use or for market.

CONDITIONS OF SALE--If the seeds here ordered should prove not true to name, or of inferior quality, we will refund the money paid for them or replace them without charge, but all our Seeds and Plants are sold on the distinct understanding and with the agreement by the purchaser that we will not be liable for any loss or damage that may occur by reason of the failure of Seeds or Plants to grow or to be of the variety or quality ordered. We will not accept or fill orders on any other terms.--J. H. Co.

Quantity	Name of Seeds or Articles Wanted	Price
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If you have any friends who you think would be interested in seeing our catalogue-will you kindly give their names and addresses below so that we can send it to them? Please state whether they garden for their own use or for market.



# HARRIS' SEEDS

## From the Grower to the Sower

**T**HIS Catalogue is issued each year for the convenience of our customers and to give descriptions and prices of the many varieties of seeds we raise and offer for sale.

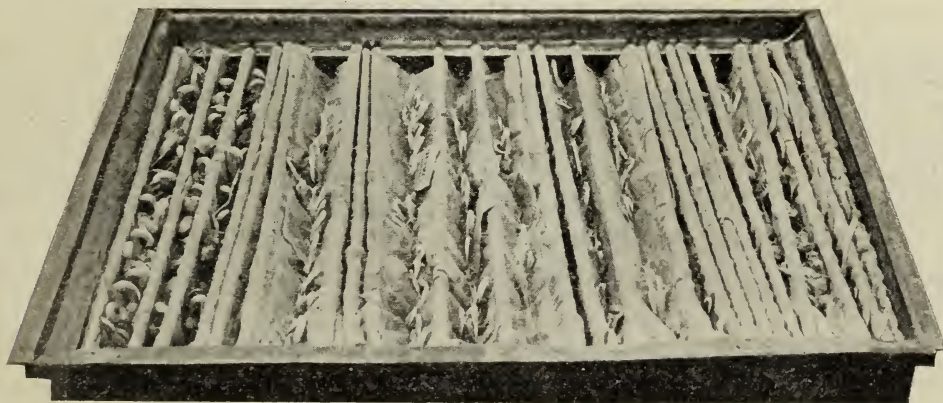
The descriptions are as accurate as we can make them from notes and observation made on our own farm and trial ground.

The illustrations are mostly reproductions of photographs made on our own grounds and are intended to give a good idea of the variety rather than to deceive credulous people, which seems to be the aim of many pictures to be found in seed catalogues.

**"THE BEST" SEEDS.** Every seedsman in the country says he sells "the best" seeds. Everybody's seeds are "the best" so of course Harris' are too! What we are really trying to do however is to raise and sell *good seeds*—seeds that are good in every way, vitality, purity and "breeding"—that is they must come from good stock so they will produce the highest types of vegetables, flowers and fruit. The "best" seeds are none too good. There are always some variations, some poor members of the family, no matter how well bred the stock. And these sports or "rogues" become very numerous unless the greatest care is taken to keep them out.

Here is one reason why *Harris' seeds are good seeds*: Many of them are raised here on our own farm where we can watch them from the time the plants come up until the crop of seed is harvested and if we find any plants that are not just right they are promptly pulled out. To improve the strain from year to year we select a few absolutely perfect plants from which to raise a crop of seed another year. In this way we are constantly improving our strains of important varieties.

**Trial grounds.** In addition to raising seed crops we conduct extensive trial grounds where we raise a great number of varieties and strains of vegetables and flowers each season. We sowed last season, for instance, 78 different samples of Peas, all at the same time side by side. In this way we can compare different varieties and strains in the most effective way. If we find something better than we already have we endeavor to procure a supply of seed to offer our customers. We have been in the seed business for 34 years but still have a good deal to learn. We are constantly looking for improvements and are always grateful to any of our customers who offer suggestions or send us samples of superior varieties for trial.



Photograph of One of Our Seed Testing Trays, Showing Sprouting Seeds Which Are Counted and the Number Recorded

### What Percentage of Seeds Grow?

Did you ever wonder when sowing seeds how many of them would germinate, and therefore how thick to sow?

To find out what per cent of live seeds there are in a certain lot, we place say 100 seeds in a germinating apparatus or in soil and count how many sprout. This number is the per cent of good seeds that will germinate under favorable conditions.

### Per Cent. of Live Seeds Marked on the Package.

On every lot of seed we sell is placed a label giving the per cent (or number in a hundred) of live seeds, according to our own tests, which are made during the late fall and winter.

No other seedsman in this country (or in the world, as far as we know) does this.

With this information a man can judge very closely just how thick to sow the seeds without over crowding the plants or getting them too thin. Some dealers sell seeds that contain only 25 or 30 per cent. of live seeds. If a gardener sowed such seed as thinly as he would seed that contained 90 per cent live seeds he would have a very thin stand of plants. On the other hand if he sowed seed testing 90 per cent as thick as would be necessary with seed testing only 30 per cent he would not only waste a lot of seed but would have a lot of extra work in thinning the crop.

The purchaser should therefore know what he is buying and should demand the information.

Seeds vary greatly in respect to the number that will germinate. Very often new seed just harvested will not show as high a percentage of good seeds as some of the same kind grown two or three years before. Seeds fail to grow in many cases not because they are old, but because they have not been properly cured. Because a certain lot of seed is fresh and apparently good, one cannot depend on it to grow unless it is shown to be of good vitality by test.



"Tapping" a field of Sweet Corn at Moreton Farm so as to allow the ears to cure.

## The Seed Crops of 1912

We are glad to report that we have had much larger crops of seeds the past season than the year before with but few exceptions.

**Peas** that have produced such small crops for the past two years have this season yielded fairly well and we have enough of most varieties to supply our customers at reasonable prices.

**Carrots** produced a fair yield and this seed can now be sold at less than half what it was necessary to charge last season.

**Sweet Corn** yielded well but matured very late and much of it required kiln drying. As we fortunately have large corn drying houses, we are able to cure our crops so that the germination is almost perfect. We fear however, that a great deal of the seed grown by farmers for other dealers will be of very poor vitality.

**Celery** of the Golden Self Blanching variety grown in France was again almost a failure and the price of seed is necessarily very high.

**Cabbage** seed yielded very small crops, owing to the fact that the heads saved over winter were frozen and spoiled so that a very small number were set out for seed.

**Beets** yielded fair crops but the number set out in the spring was small so the yield of seed is not abundant. The seed however is of much better vitality than last year. Other garden seeds yielded good crops in most cases and will again be in normal supply.

**Field Seeds** yielded good crops. Corn matured late and could only be properly cured for seed by placing in a specially constructed drying house. Corn cured in open cribs is of very poor vitality and will be even worse after hard freezing.

**Grass Seeds** produced excellent yields and prices are much lower than last year, with the exception of clover, a great deal of which was damaged while being harvested and high class seed is consequently scarce.

**Potatoes.** Early varieties produced only fair crops, while late kinds yielded better and when properly sprayed are free from disease. A great many fields however raised for market were affected by blight and rot, and are not fit for seed. On our own farm we never raised cleaner and healthier potatoes than we did last season.

## TO MARKET GARDENERS AND TRUCK FARMERS

*If you raise vegetables for market or shipping, and if you have not already received a copy of our wholesale price list of seeds please send us your name and address with a request to send you a copy.*

This list will be mailed only to market growers and not to those who raise vegetables simply for their own use and therefore buy seeds in small quantities.

While this wholesale price list contains prices of Farm and Field seeds the prices are the same as quoted in this catalogue.

**JOSEPH HARRIS CO., Coldwater, N. Y.**



Will H. Tracy Sr.



## A GOOD VEGETABLE GARDEN

Some people say they can buy vegetables cheaper than they can raise them. This may be true in some cases but you cannot always get just what you want and have it really good.

Those who have had fresh vegetables from their own garden know how much better they are than any that can be bought in the market.

Vegetables bought in the market are often two days old before they reach the table and usually they are not gathered in just the right stage of maturity when they are at their best. This applies particularly to peas, sweet corn, string beans, spinach and the like—such vegetables taken right from the garden while young and tender and used at once are so far superior to the stale and overmatured specimens to be had in the market, that it is well worth while to take a little extra trouble to raise them.

Below we give a list of what should be raised in the home garden where ample space is available. With such a garden you will enjoy delicious fresh vegetables from early spring until late in the fall. If you have not the room or the time to raise all these kinds we would advise omitting Egg Plant, Okra, Water Melons, Cabbage and Potatoes. The last two take up considerable room and can usually be raised as field crops to better advantage than in a garden. See collections of vegetable seeds for home garden, on next page.

**Asparagus.** From 100 to 200 roots, set out 2 feet apart.

**Beets.** About 40 feet of row. 1 ounce of seed required.

**Beans.** About 20 feet of row Valentine Wax or Stringless Green Pod, (early,) 20 feet Crystal Wax or Hudson Wax (late) ½ pint seed of each. 10 hills Scotia, 1 pkt. seed. 200 feet of row, Burpee's Bush Lima, using 1 quart seed; or if preferred, 20 hills Pole Limas, Early Leviathan, 1 pint of seed required.

**Sweet Corn.** About 50 hills each Pocahontas or Harris' Extra Early, Buttercup and Golden Bantam, Mimms' Hybrid, Country Gentleman and Egyptian. If you want to prolong the season still more plant Mimms' Hybrid 3 weeks later than the main crop. Half pint of seed of each kind.

**Cucumbers.** 10 hills Earliest of All or Early White Spine for very early, and 10 hills Mimms' or Davis' Perfect for later.

**Celery.** 100 or 200 plants each of Golden Self-Blanching and French's Success, one packet seed of each kind. Better buy the plants then try to raise them.

**Cabbage.** If early cabbage is desired plants must be started in frames in February or March, but for late crop the seed is sown in May. We recommend Stanley or Eukhuizen Glory for early and Perfection Drumhead Savoy for late fall and winter use. 1 pkt. seed of each or 50 plants of early and 100 plants of late kinds.

**Caullflower.** 50 plants Snowball, 1 pkt. seed, or buy the plants.

**Brussels Sprouts.** 50 plants Hercules. 1 pkt. seed.

**Swiss Chard,** for greens. 20 feet of row, 1 pkt. seed.

**Carrots.** If used as a vegetable, 25 feet of row, if merely for flavoring, 10 feet of row, 1 pkt. seed Harris' Half Long.

**Egg Plant.** 25 plants, 1 pkt. seed, Black Beauty.

**Kohl Rabi.** Early White Vienna, 1 pkt.

**Lettuce.** Plants for early crop should be started in frames. May King, Holyrood Hot-Weather, Deacon, Iceberg and Salamander are best heading varieties. 2 pkt. seed.

**Musk Melons.** Those who have good soil and a sunny situation can raise fine Musk Melons. For early Emerald Gem is excellent. For later, Admiral Togo, Irondequoit and Millers Cream are fine. 15 hills of early and 20 hills of late will be enough. 2 pkts. early, 3 pkts. late.

**Watermelons.** We do not advise amateur gardeners to raise watermelons in the Northern States unless they have light soil and plenty of room. Harris' Earliest and Hungarian Honey are good for the north and Halbert Honey or Kleckley Sweets for further South.

**Okra.** 20 feet of row, 1 oz. seed.

**Onions.** Green Onions for early spring are raised by planting small sets. Set out a quart of white sets about 3 ins. apart in the row. If dry onions are required for winter use, sow 1 oz. of seed early in the spring. Prizetaker is a good kind.



**Potatoes.** For early, 800 to 500 feet of row; **Early Market**, Irish Cobbler or **Early May**. For late, **Green Mountain** or **Silver King**, both of fine quality.

**Peas.** If an abundance of peas is desired, so as to have them every day during pea season, it will require the following: 1 qt. (100 feet of row) **Surprise**. 1 qt. **Thomas Laxton** or **Laxtonian**, 1 qt. **Nott's Excelsior** or **Sutton's Excelsior**. 1 qt. **Alderman** or **Heroine**, 1 qt. **Horsford's Market Garden**, **New Queen**. Sow two or three weeks later 1 qt. **Horsford's**. These varieties will mature in the order named and will give a constant supply of green peas as long as they last.

**Parsnips.** 25 feet of row, 1 oz. of seed.

**Peppers.** 10 plants each, **Neapolitan** and **Giant Crimson**. 1 pkt. each.

**Parsley.** 10 feet of row, **Dwarf Perfection**, 1 pkt.

**Radish.** For forcing in frames the round extra early varieties are best, and many prefer them for open ground also. It is well to sow some radish seed in September for fall use.

**Rhubarb.** 1 dozen roots set 3 feet apart.

**Spinach.** 100 feet of row will produce a good lot of Spinach if it is on rich ground and the plants thinned out to 4 or 5 ins. apart. 1 oz. **Victoria**, 1 oz. **Long Season** for spring sowing and **Round Leaved Winter** for wintering over. Sown September 1st, spinach will be ready for use in the late fall and will last over winter with slight protection and be available for use as soon as the snow goes off in the spring.

**Squash.** For summer use 8 or 10 hills **Early Bush Crookneck** and **Mammoth White Bush Scallop**. For fall and winter **Boston Marrow** and **Delicious** are excellent. 1 pkt. seed of each variety.

**Salsify.** 50 feet of row, 1 oz. seed.

**Tomatoes.** 25 plants of an early variety, **Earliana** or **Bonny Best**, and 50 plants of a late kind, such as **Stone**, **Success** or **Potomac**.

**Turnips.** **Red Top White Globe** and **Golden Ball** are excellent kinds. Sow in August. 1 pkt. seed of each kind. For winter use sow **Breadstone** or **Hall's Westbury** in July.

**Herbs for Flavoring.** Every garden should have some **Sage**, **Thymes**, **Summer Savory** and **Sweet Marjoram**.

**DIRECTIONS FOR CULTIVATION.** We have issued a little pamphlet giving directions for the cultivation of vegetables and flowers raised for seed as well as other information of interest to amateur gardeners. We will send the pamphlet free with all orders amounting to 50c or more, if requested. Or it will be sent on receipt of 10 cents, which may be deducted from the first order.

## COST OF SHIPPING BY EXPRESS AND FREIGHT

### Low Express Rates on Seeds.

We can ship seeds by express at the following **special low rates**, which are much lower than the regular express rates. To places having either the **Adams**, **American**, **National**, **United States**, **Southern** or **Wells-Fargo Express**, not over 500 miles from **Rochester** a package of seeds weighing not over 15 pounds can be sent for 35c., and each additional pound will cost **not over 2c.** The rates are regulated by the distance to be sent, but except for short distances no packages of 4 pounds or more will be carried for less than 35c., but much heavier packages will usually cost no more.

The following table gives the express rates to the larger cities. For places near them having any of the before mentioned express companies' offices, the rates are usually the same:

To Buffalo.....	70 lbs. or less,	35c.,	each additional lb.,	½c
To New York.....	35 "	35c.,	" "	1c
To Cincinnati.....	23 "	35c.,	" "	1½c
To Pittsburg.....	23 "	35c.,	" "	1½c
To Chicago.....	23 "	35c.,	" "	1½c
To St. Louis.....	17 "	35c.,	" "	2c
To Cairo, Ill.....	14 "	35c.,	" "	2½c
To Kansas City.....	11 "	35c.,	" "	3c
To Minneapolis.....	11 "	35c.,	" "	3c
To Boston.....	23 "	35c.,	" "	1½c
To Augusta, Me.....	23 "	35c.,	" "	1½c
To Philadelphia.....	23 "	35c.,	" "	1½c
To Washington.....	23 "	35c.,	" "	1½c

Please note that these rates apply only to places having either the **Adams**, **American**, **National**, **United States**, **Southern** or **Wells Fargo** express offices. To the offices of other companies the rates are higher.

If you are charged more than above rates do not pay it, but write to us and we will get the charge adjusted.

**Shipping by Freight.** Heavy lots of seeds, potatoes, etc., usually go much cheaper by freight than by express, especially for long distances. The rates vary very much, according to the kind of seeds, the distance, etc., so we cannot give rates here, but in a general way we can say that the charge on 100 lbs. or less for about 500 miles would be about 35c on seeds and less on grain and potatoes. It costs just as much to send 10 pounds by freight as 100 pounds, and often as much to send 100 pounds as 200 or 300 pounds. For any considerable distance the charges on any package, however small, would be 35c. or 40c. For instance, the rate from here to **New York** on potatoes is 18c. per 100 pounds, so that 200 pounds would go for 36c. while any smaller package, say 20 pounds, would cost 35c. It takes usually much longer to get things through when shipped by freight than by express, so if there is any reason for avoiding delay, and the package is not too heavy (that is over 50 or 75 lbs.) it is best to have seeds sent by express.

We can ship by the following Railroads from **Cold-water** and **Rochester**:

New York Central,	Lehigh Valley,
West Shore,	Erie,
Rome, Watertown & Ogdens-	Buffalo, Rochester & Pittsburgh,
burg,	Pennsylvania.

Please state on your order whether we are to ship by freight or express. If left to our judgment, please state how soon you will need the seeds.

**The New Parcels Post Law.**—As we understand it this new law does not effect the postage rates on seeds. The postage rate is still 8 cents per lbs. regardless of distance. The only change is that 11 lbs. can now be sent in one package instead of a limit of 4 lbs. as formally.

**Conditions of Sale.** We agree to assume the responsibility of the seeds and plants we sell reaching the purchaser in good condition, and should any seeds fail to grow under favorable conditions, or prove not true to name or of inferior quality, we will REFUND THE MONEY PAID FOR THEM or replace them without charge, but all our seeds and plants are sold on the distinct understanding and with the agreement by the purchaser that we will not be liable for any loss or damage that may occur by reason of the failure of seeds or plants to grow or to be of the variety or quality ordered. We will not accept or fill orders on any other terms.



# Collections of Seeds

FOR A COMPLETE VEGETABLE GARDEN

Many people do not know enough about the different varieties of vegetables to choose them so as to get the best results. To all such the collections as given below will be both convenient and economical.

The quantities and varieties are chosen with the aid of our long experience so as to make a garden that will furnish a constant supply of vegetables from the beginning to the end of the season.

**We cannot make any changes in these collections.** The collections are put up ready to ship, so we cannot change them in any way; but of course any one may order additional seeds to go with the collection.

We can allow no further discount on these collections.

## COLLECTION No. 1—For Small Vegetable Garden. Price 75c Postpaid.

The regular price of these seeds bought separately is \$1.29.

This collection contains one packet of each of the following varieties:

<b>Beet</b> —Eclipse.....	\$0 05	<b>Watermelon</b> —Harris' Earliest.....	\$0 05
<b>Beans</b> —Valentine Wax.....	06	<b>Onion</b> —Prize Taker.....	05
“ —Bountiful.....	03	<b>Parsnip</b> —Harris' New Model.....	05
<b>Cabbage</b> —Enkhuizen Glory.....	05	<b>Radish</b> —Early Scarlet Globe.....	05
<b>Cauliflower</b> —Snowball.....	10	<b>Spinach</b> —Long Standing.....	05
<b>Carrot</b> —Harris' Perfected Half Long.....	05	<b>Summer Squash</b> —Early Bush Crookneck.....	05
<b>Cucumber</b> —Early White Spine.....	05	<b>Winter Squash</b> —Hubbard.....	05
<b>Sweet Corn</b> —Pocahontas (Early).....	06	<b>Salsify</b> , or Vegetable Oyster.....	05
“ “ —White Evergreen.....	08	<b>Turnip</b> —Purple Top White Globe.....	05
<b>Lettuce</b> —May King (early).....	05	<b>Tomato</b> —Bonny Best.....	10
“ —Iceberg (later).....	05		
<b>Musk Melon</b> —Emerald Gem.....	10	Regular price.....	\$1 29

**Special price of this collection sent postpaid, 75 cents**

## COLLECTION No. 2—For Complete Vegetable Garden. Price \$3.00 by Express

Regular price if bought separately, \$4.40.

The collection will be *delivered free* of all charges to any place having an office of either the American, Adams, National, United States, Wells-Fargo or Southern Express for **\$3.35** and to other places for **\$3.50**.

This collection contains the following seeds:

1 pint <b>Beans</b> —Valentine Wax, very early.....	\$0 15	1 packet <b>Watermelon</b> —Harris' Earliest, best for the North.....	05
1 pint “ —Bountiful Later.....	15	½ ounce <b>Onion</b> —Yellow Globe Danvers.....	10
1 pint “ —Burpee's Bush Lima.....	15	1 packet “ —Silver Skin, white.....	05
1 ounce <b>Beet</b> —Detroit Dark Red.....	12	1 packet <b>Parsley</b> —Dwarf Perfection.....	10
1 packet <b>Brussels Sprouts</b> —Hercules.....	10	1 ounce <b>Parsnip</b> —Harris' New Model.....	10
1 packet <b>Cabbage</b> —Jersey Wakefield, very early.....	05	1 quart <b>Peas</b> —Surprise, early.....	45
1 packet “ —All Head Early.....	05	1 quart “ —Alderman, medium late.....	40
1 packet “ —Savoy—for Winter use.....	05	1 quart “ —Horsford Market Garden, late.....	35
1 packet <b>Carrot</b> —Harris' Perfected Half Long.....	05	1 packet <b>Peppers</b> —Giant Crimson (new), large and mild.....	10
1 packet <b>Cauliflower</b> —Snowball.....	10	1 ounce <b>Radish</b> —Early Scarlet Globe.....	10
1 packet <b>Celery</b> —Golden Self-Blanching.....	10	1 ounce <b>Salsify</b> or Vegetable Oyster.....	12
½ pint <b>Sweet Corn</b> —Pocahontas, very early.....	10	1 ounce <b>Spinach</b> —Long Season.....	08
½ pint “ —Buttercup, (new) very sweet.....	10	1 packet <b>Summer Squash</b> —Early Bush Crookneck.....	05
½ pint “ —Hickox, medium late.....	08	1 packet <b>Winter Squash</b> —Delicious.....	05
½ pint “ —White Evergreen, later.....	08	1 packet <b>Tomato</b> —Earliana.....	10
1 packet <b>Cucumber</b> —Earliest of All.....	05	1 packet “ —Success.....	10
1 packet “ —The Mimms.....	10	1 packet <b>Turnip</b> —Red Top White Globe.....	05
1 ounce “ —Boston Pickling, (for pickles).....	12	1 packet “ —Golden Ball.....	05
1 packet <b>Kohi Rabi</b> —White Vienna.....	05		
1 packet <b>Lettuce</b> —May King (early).....	05	Regular price.....	\$4 40
1 packet “ —Holyrood Hot Weather.....	10		
1 packet <b>Musk Melon</b> —Emerald Gem, early and very sweet.....	10		

## Discounts and Premiums

When garden seeds are ordered at the prices quoted in this catalogue, we will allow the following discounts and premiums:

Send us one dollar (\$1.00) for seeds in **PACKET** or **OUNCES** and we will send you 35 cents worth of seeds in **PACKETS** of your own selection. In this way you get \$1.35 worth of seeds for \$1.00 and can choose the kinds yourself.

This applies only to orders accompanied by cash remittance, and does not apply to orders for seeds in larger quantities than packets and ounces.

On all orders for **Garden and Flower Seeds amounting to \$2.50 or more**, at our regular catalogue prices, we will allow a discount of 10% if the order is accompanied by a cash remittance to cover the full amount, less the discount.

This discount applies to any general order for garden and flower seeds in any quantities, but does not apply to orders for only one or two kinds of seed, nor to collections offered at a special low price. It also does not apply to farm and grass seeds, potatoes by the barrel or sack, fertilizers or tools, on which we can allow no discount.

We cannot allow both the above discounts on one order—you can take either the first or second discount but not both.



# Harris' Specialties in Vegetable Seeds

The varieties described on the first pages of this catalogue are either new kinds that we have found superior to older varieties, or they are improved strains of well-known varieties that we have developed by careful "breeding" for a number of years. All these varieties are of special merit and are well worthy of general culture.

## Beans—Burpee's New Kidney Wax

This new bean resembles the well known Wardwell's Kidney Wax, except that the pods are narrower and rounder and of a lighter shade of yellow, which makes them more attractive in appearance and they are really of better quality being *thick, brittle and entirely stringless*. The vines are very productive, hearty and vigorous, and produce a great crop of long slender yellow pods which are often 6 in. in length and seems to be very free from rust.

The pods mature the same time as Wardwell's Golden Wax and similar kinds, being as early as any variety except Valentine Wax. **Pkt. 6c; ½ pt. 15c; pint, 25c; qt. 45c,** postpaid, By express, **pint, 17c; qt. 30c; peck, \$1.70.**

## Beans—Full Measure

Although not a strictly new variety this excellent bean is not as well known as it should be. It is certainly one of the very best green podded varieties. The pods are long straight, thick, almost round, entirely stringless and of an attractive light green color and are of high quality. The plant is vigorous and remarkably productive. Compared with Stringless Green-pod and Giant Stringless Valentine, the Full Measure is two or three days later, but has longer and straighter pods and produces much larger yields. **Pkt. 6c; ½ pint, 15c; pint, 25c; qt. 45c,** postpaid. By express, **pint 17c; qt. 30c; peck, \$1.60.**

## Copenhagen Market Cabbage

We first offered this new cabbage last year and have had many very favorable reports about it from prominent growers who say it is the *best early cabbage* they ever raised.

The heads are nearly round or slightly flattened, very hard and heavy. The growth is compact, there being few outside leaves so the plants may be set close together.

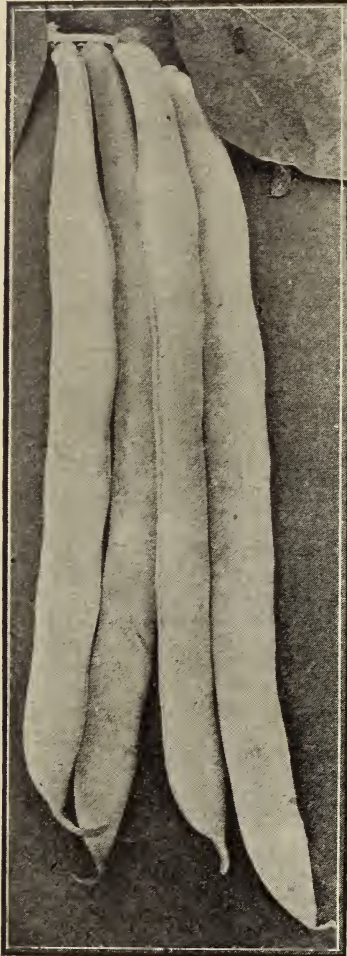
In our trial grounds the Copenhagen market headed a *week earlier* than Enkhuizen Glory and almost as soon as Jersey Wakefield and fully as early as Charleston Wakefield.

The heads are not quite as large as the Glory but are harder and mature a little earlier.

Early cabbage is usually sold at so much a head. As this cabbage makes a very compact growth a great many heads can be raised per acre and therefore this variety will bring in more money than a larger cabbage which requires more room.

The most remarkable point about this cabbage is its *uniformity*—every plant under normal conditions will produce a good, solid head and every head as like another as two peas in a pod. The heads mature all at the same time so the crops can be cleaned up within a short time after the first heads mature.

We advise all growers of early cabbage to give this variety a trial this season. Unfortunately the crop of seed was almost a failure so we have very little to offer this season. **Pkt. 10c; oz. 60c; ¼ lb. \$1.75; lb. \$6.50,** postpaid.



Burpee's New Kidney Wax Bean

## New Cabbage "Stanley"

While this cabbage may not be adapted for market, it certainly should be grown by all who appreciate *good quality* in a cabbage.

In England, where this cabbage comes from, they call our large flat cabbages, "cow cabbage" and do not consider them fit for the table.

The Stanley is very delicate and of fine flavor, far superior to common cabbage in this respect. The heads do not get very hard and retain their green color well towards the center, resembling the Savoy in this respect. In shape they are pointed like the Wakefield or Winningstadt and mature medium early so they can be grown both for summer and late fall use.

Every one who wants really fine cabbage for their own table or to sell to a particular trade should raise some of the Stanley. **Pkt. 10c; oz. 40c; ¼ lb. \$1.25.**



Stanley Cabbage



## Enkhuizen Glory Cabbage

This remarkable early cabbage is increasing in favor among gardeners every year. Since we first sold the seed in 1908 we have received a great many words of praise for it and not one word against it.

This cabbage is as early as Charleston Wakefield and grows twice the size. The heads are as round as a ball, very solid and heavy, often weighing 10 lbs. or more. It has few outside leaves and will bear close planting.

Early Wakefield will come into market a week or two ahead of the Glory, but the Glory will be ready when the Wakefield is half gone and will sell for twice as much per head. It is as early as Eureka or Maule's First Early and very much larger.

This is not only a great cabbage for early market, but it is also a most profitable variety to raise for fall use. If the plants are set out in this locality (Western New York) the middle of July the cabbage will mature ready for market in October and immense crops can be raised. On good soil every plant will produce a large, solid head weighing 8 to 10 lbs., or over 20 tons per acre. The heads are about the same shape as Danish Ball Head and nearly as hard, although they will not keep as well when stored over winter.

We have an exceptionally fine strain of this cabbage that produces heads of uniform type, large size and very solid, and every plant will make a good head.

Mr. R. A. Barton, Watertown, N. Y., writes January 17, 1912.

"The Enkhuizen Glory Cabbage proved a perfect wonder. The seed was sown about May 10th and the plants set out July 4th, some 19,000 plants. In early October I cut cabbage that weighed 18 lbs. to the head, and from an acre had 16 tons of cabbage. It made the finest quality of sauerkraut."

Mr. John A. Woodbury, Castleton, Vt., writes:

"Your Enkhuizen Glory Cabbage did fine with me. It was nearly as early as Jersey Wakefield."



Enkhuizen Glory Cabbage (Photograph)

Price pkt. 5c; oz. 30c; ¼ lb. 80c; lb. \$3.00, postpaid.

## A New Red Cabbage—"HOLLAND EXPORT"

The advantage this new red cabbage has over the Mammoth Rock Red is that it is earlier and heads more evenly and surely. The heads are perfectly round and resemble Danish Ball Head in all respects except color, which is a deep purplish red.

The plant is of compact habit of growth, heads of medium size, not quite as large as Mammoth Rock Red, but the plants can be set out closer together and we think a larger yield per acre can be obtained. Pkt. 10c; oz. 25c; ¼ lb. 75c; lb. \$2.75, postpaid.

## Two New Brussels Sprouts

Brussels Sprouts are being raised more extensively every year, both for market and in private gardens and there is a growing demand for a variety that heads more evenly and surely than those commonly used.

We have tried many different kinds for the last few years and the best we have found are varieties named below.

**Hercules** The plants grow about two feet tall and the stem is covered from the ground up with good size, firm sprouts and a large percentage of the plants produce such when given good culture. Pkt. 10c; oz. 30c; ¼ lb. 90c; lb. \$3.50.

**Danish Improved.** A very fine strain from Denmark. A large percentage of the plants produce nice firm sprouts of good size. We highly recommend this new strain. Pkt. 10c; oz. 50c; ¼ lb. \$1.50.

## Danish Giant Snowball or "Dry-Weather" Cauliflower

This is a new strain of Snowball cauliflower that is superior for main crop for fall market. We have never seen finer cauliflower than we raised from seed of this variety. The plants are of more vigorous growth than the Early Snowball, and have more leaves which protect the heads both from the sun and frost. The heads are very large, heavy and compact and perfectly snow white, with no protruding leaves. This variety being of a stronger and more vigorous habit than the Early Snowball it withstands dry weather better. The Danish Giant requires about ten days or two weeks longer to mature than the Early Snowball, and consequently the plants should be set out earlier, if it is desired to have them head at the same time.

We highly recommend this strain for late fall crops. Price, pkt. 10c; ¼ oz. 60c; oz. \$2.00; ¼ lb. \$7.50.

GOOD FOR 25 YEARS—Mr. Seelye B. Sherwood, Clarkson, Mich., writes Jan. 12, 1912:

"I have used your seed for 25 years and never had a failure, and father used them before that."

NEARLY PERFECT.—Mr. Eugene Smith, Agawam, Mass., writes:

"I have used your seeds for 8 years and in all that time I have never had one fault to find. Your seeds have been as near perfect as possible."



## “Perfected” Snowball Cauliflower

The Best Cauliflower Seed Grown, at Half the Price Charged by Other Seedsmen

If really good seed is used it is easy to raise fine, large heads of Cauliflower. Every garden should contain some plants of this delicious vegetable. Seed sown in open ground in May will produce fine heads in the early fall.

We have thoroughly tried out all the strains of cauliflower of the Snowball class sold under many different names and can confidently state that the seed we offer is fully equal to the very best and *far superior* to much of the seed that is sold at higher prices than we are charging.

Such Varieties as “Burpee’s Best Early,” “Henderson’s Early Snowball,” “Maule’s Prize,” “Dreer’s Earliest Snowstorm,” etc., are one and all good strains of Snowball, but none of them as grown in our trial grounds from seed obtained direct from the introducers, proved in any way superior to the “Perfected” strain of Snowball we are now offering at less than half the price charged by other dealers for the same seed under a different name.

The seed we offer produces uniformly large, solid, pure white heads with no protruding leaves to mar their appearance. Such cauliflower is a pleasure to raise, to eat and to sell.

For either forcing or main crop this “Perfected” Snowball is the best variety. It matures very early and still has enough leaves to protect the head from the sun.

Ninety-nine plants out of a hundred will make a good head of cauliflower under favorable conditions.

**PRICE.** Pkt. (250 seeds) 10c;  $\frac{1}{4}$  oz. 50c; oz. \$1.80;  $\frac{1}{4}$  lb. \$6.75.



“Perfected” Snowball Cauliflower. (Photograph)

## Our Special Strains of Danish Ball Head Cabbage

All large cabbage growers appreciate the importance of getting the very best strains of Danish Cabbage. Carefully grown seed of the right strain will often produce a crop that yields a large profit, while seed of an inferior strain produces a crop on which there is an actual loss. The best Danish Cabbage seed is grown in Denmark, where this cabbage originated, and we have arranged for some years with a very careful grower there to raise cabbage seed for us from the very *finest heads only*, and can now offer seed of the 1912 crop that will produce heads of uniform shape and of the very best type.

### “Solid Emperor” Strain This is the original type of Danish cabbage as first introduced in this country.

The heads are perfectly round, very hard and heavy, and of a deep green color. This is the best cabbage for storage, as it keeps well and comes out with a nice green color. While it does not yield quite as many tons per acre as the short stemmed strain the heads are harder and keep better and many growers prefer this strain on that account.

**Pkt. 5c; oz. 20c;  $\frac{1}{4}$  lb. 65c; lb. \$2.50** postpaid. By express, \$2.40 per lb.

### Short Stemmed Strain.

The heads, as shown in picture (from a photograph) are larger around and a little flatter than the “Solid Emperor” and grows on shorter stems. The heads are large, solid and heavy, and yield very heavy crops, often exceeding 20 tons per acre. For cabbage that is to be shipped in the fall this is the most profitable strain to raise. Even when the crop is to be stored some growers prefer this strain on account of the larger yield obtained from it.

Practically every plant produces a fine, large, firm head on good land.

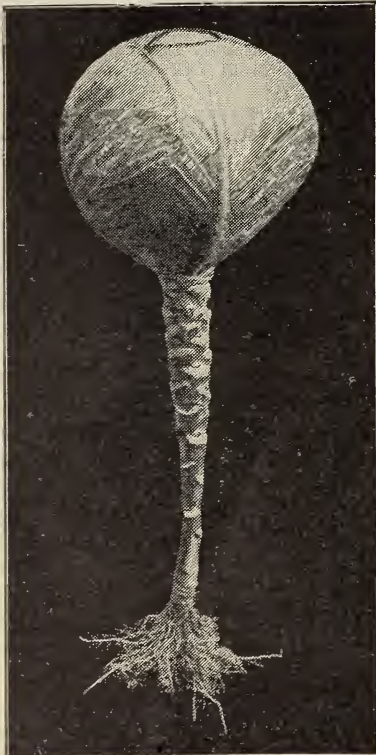
**Pkt. 5c; oz. 20c;  $\frac{1}{4}$  lb. 70c; lb. \$2.65** postpaid. By express, \$2.55 per lb.

Mr. Chas. E. Starr, Olympia, Wash., writes:

*“I want to say that the Solid Emperor Cabbage I got from you last year exceeded anything I have*



Danish Ball Head, Short Stemmed



Danish Ball Head “Solid Emperor”



ever had in the cabbage line both for quality and keeping. I had them as late as March, and my customers state they were the finest that came to market."

Mr. Bernard Dewandel, Lyons, N. Y., writes Sept. 4, 1912:

"The Danish cabbage seed you sent me for this spring's sowing was extra fine. One farmer who got some of the seed said he looked over his whole field and could not find a single flat head in it, something he never had happen until he sowed Harris' pure Danish."

Mr. D. C. Seager, Rockford, Ill., writes Feb. 1, 1912:

"I have tried cabbage seed from all the leading seedsmen of the country and yours is the best of all."



French's Success—the best Celery for Winter Use

of the highest quality and very attractive in appearance. There has been much inferior seed of this variety sold which has prejudiced some growers against it. But when really well grown seed is used the Columbia is a fine celery and very satisfactory both for home use and market.

The seed we offer has been grown with great care and we are sure will please our customers. Pkt. 10c; oz. 40c; ¼ lb. \$1.10; lb. \$4.25, postpaid.

## "BUTTERCUP"—A Delicious Yellow Sweet Corn

For quality—that is sweetness, flavor and succulence—we have never seen a corn quite equal to the "Buttercup."

Like the now well-known Golden Bantam, the "Buttercup" is a yellow sweet corn. The kernels are as yellow as June butter. This is an objection to it as a market variety, as people who do not know better think it old and tough because it is yellow; but for home use and a discriminating trade we think the "Buttercup" will be found very acceptable.

The ears are of good length (8 to 10 inches) and have 8 to 12 rows of large kernels of a rich butter yellow, and are most deliciously sweet, succulent and tender. It is medium early and quite prolific.

Compared with Golden Bantam the "Buttercup" has a larger ear and is of better quality and nearly if not quite as early.

We advise all our customers who appreciate good sweet corn to give the "Buttercup" a place in their garden this season.

Price, Pkt. 10c; ½ pint 15c; pint 28c; quart 50c, postpaid. By express, not prepaid, pint 20c; quart 35c; 4 quarts \$1.00; peck \$1.75.

## French's Success Celery

### The Best Celery for Winter Storing

For late use or market during February, March or April we know of no celery equal to this. It requires more time to blanch than some other kinds but it is just this quality that makes it so valuable for storage. If kept cold it will keep in good condition in April.

The stalks are of medium length, very compact, with well developed heart, solid and very crisp, and of superb quality and blanch snow white. The stocks are so brittle and crisp that they require extra care in handling.

### They never grow soft.

We highly recommend the French Success for winter storing, either for market or home use. There is nothing better.

Since we introduced this variety a few years ago the demand for the seed has increased rapidly, nearly doubling every year, which is the best evidence that it meets the needs of large growers.

This variety is now being offered by other seedmen who get their seed raised in California at low prices. Such seed is far inferior to our northern grown seed.

We offer seed of our own growing from carefully selected stalks that we are sure will prove satisfactory in every respect.

Pkt. 10c; oz. 35c; ¼ lb. \$1.00; lb. \$3.50, postpaid.

Mr. John Viele, Schuylerville, N. Y., writes:

"I kept French's Success Celery in house cellar 2 years ago until June 1st in fine condition."

## Columbia Celery

This celery matures rapidly, blanches easily and is a fairly good keeper, but not equal to French's success in this respect.

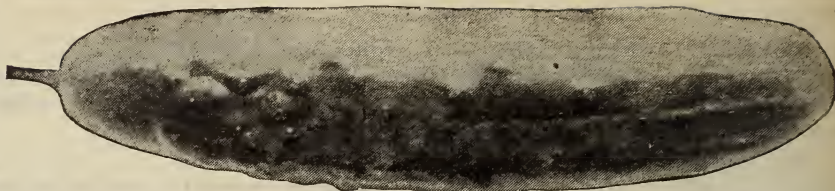
It is of the same habit of growth as the Golden Self-Blanching and has the same yellow tinge to the stalks and foliage but keeps better than that variety.

This is a valuable celery to follow Golden Self-Blanching—stored at the same time it will be ready just as soon as the blanching is gone. The stalks are broad, thick and solid and



One of our enterprising market gardener neighbors, Mr. J. W. Mimms, has been raising for a number of years, some of the best open ground cucumbers that come into the Rochester market. So fine are these cucumbers and so early, that they are often mistaken for hot-house-grown. The fruit is very long, slender and straight, and deep green and of the White Spine class. The vines are vigorous, healthy and prolific, and the fruit forms very early and grows rapidly, so that they can be used or marketed nearly as early as the smaller fruited kinds. The seed we offer is of our own growing from the best lot of cucumbers we ever raised. Pkt. 10c; oz. 25c; ¼ lb. 60c; lb. \$2.25, postpaid.

## The Mimms Cucumber



"The Mimms" Cucumber

## Pocahontas Sweet Corn

Too much can hardly be said in praise of this sweet corn. The longer we raise it and compare it with other varieties the more impressed we are with its superior merit. There is no early corn equal to it either in size or quality.

Planted side by side with both Red and White Cob Cory it produced ears much larger and fully as early. The only corn that is earlier is Peep o' Day and Early Dawn, which, however, have ears hardly half the size of Pocahontas and are only a few days earlier.

The stalks grow only about 5 ft. high, and nearly all of them produce two great big ears 8 to 9 in long with 10 rows of very large pure white kernels which are deliciously sweet and tender.

Market gardeners who want to get the largest and finest sweet corn into market ahead of other growers will find the Pocahontas a very valuable kind. It is not only extra early but it has a large, handsome ear well filled out and of the best quality, which can be said of very few early varieties. It is the best extra early corn for home use as the quality is superb.

Our seed is all of our own growing and is carefully selected, all "sports" and poor ears being rejected. We are improving it each year.

Price, Pkt. 10c; ½ pt. 15c; pt. 25c; qt 45c, postpaid. By express, not prepaid pt. 20c; qt. 35c; pk. \$1.65.

"Your Pocahontas corn certainly is the best early corn we ever grew. Early, small stalk to stand drought, large ear on every one, and a great many with two; kernels very white, tender, and quality almost as good as the best Evergreen. It is all you claim for it,"—F. & H. LANGDON, Constable, N. Y.

"Your Pocahontas corn beats anything I ever raised before."—REV. T. C. ROBINSON, Owen Sound, Ont.

"The Pocahontas corn is fine, the largest ears on the market at present (Aug. 13, 1910)"—JOHN H. CARPENTER, St. Catherines, Ont.

## Early Dawn Sweet Corn

This new corn is an extra early strain of the Red Cory and matures a week earlier. The ears are six inches long and 8 rowed. The stalks grow only about 4 feet high.

The Early Dawn is the earliest corn we had in our trial grounds the past season, maturing some days before Peep-o'-Day and Red Cory, hitherto the earliest kinds we have found.

Those who want to get corn into market at the earliest possible date will make no mistake in planting the Early Dawn.

This is a true sweet corn, but is not of as good quality as some of the larger and slightly later varieties, such as Pocahontas for instance. We therefore do not recommend it for private gardens, but for market where the first corn to come commands high prices the Early Dawn will prove valuable.

Price, Pkt. 10c; ½ pint 15c; pint 25c; quart 40, postpaid. By express, pint 20c; quart 35c; peck \$1.60.

## Mimms' Hybrid Sweet Corn

A very fine, large-eared, medium early sweet corn of high quality.

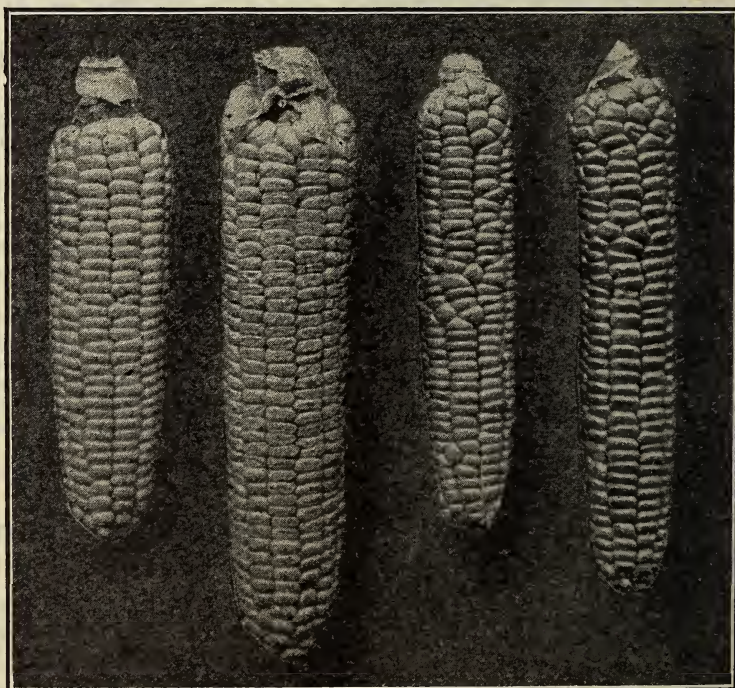
This corn was originated by one of our gardener friends, Mr. J. W. Mimms.

Starting with Perry's Hybrid, one of the earliest of the large-eared varieties, he has succeeded in changing it from a red corn with red cob to a pure white corn with white cob. He has retained all the good qualities of the Perry's Hybrid; that is large size, earliness and productiveness, and has also added the advantage of a pure white corn and exceptionally fine quality, which the original did not possess.

The ears are very large, often nearly a foot long, with 10 to 12 rows of large white kernels that are very sweet and delicious. The ears are longer than Stowell's Evergreen and not quite so large around. They mature long before Evergreen and always command a good price in market, on account of their large size and high quality. The stalks grow 7 feet tall and produce nearly twice as many ears per acre as the Evergreen.

Gardeners will do well to try this new strain. We are quite sure they will find it a valuable second early kind to come between the small extra early varieties and Evergreen.

Price, Pkt. 10c; ½ pint 15c; pint 28c; quart 50c; postpaid. By express, pint 20c; quart 35c; peck \$1.75.



White Cory

Pocahontas

Golden Bantam

Buttercup

This photograph shows the relative size of ears of above varieties. The ears are taken from crops growing on our own farm and fairly represent the varieties.





## Crosby's Improved Egyptian Beet Harris' Selected Strain

There is no earlier or better table beet than a first-class strain of Crosby's Egyptian. We have been raising seed of this beet for a number of years, and by taking great pains in selecting the roots used for seed production we have obtained seed that will satisfy the most critical gardener. The beets are nearly *globe-shaded*, as shown in the photograph reproduced here, and are very smooth, with *small tops* and small tap root, and they are *dark red all through*. When selecting beets for raising seed a small piece is cut from each beet, and if the color is not dark red the beet is rejected, and of course a great many beets are rejected for other causes, such as too large tops, poor shape, etc. To raise seed in this careful manner costs a great deal, but we think any gardener can well afford to pay a little more for it than for seed raised in the usual way.

We are sure our strain will be found equal, and in most cases **far superior** to any seed obtainable, no matter what the price.

There are some varieties claimed to be earlier than the Egyptian, but after trying them all we have failed to find one a day earlier than our strain of this variety and most of them are later or inferior in shape and quality.

We offer seed of our own growing from the most carefully selected roots. **Pkt. 5c; oz. 15c; ¼ lb. 35c; lb. \$1.35**, postpaid. By express, **\$1.25 per lb.**

## New "Wayahead" Lettuce

A new early head lettuce that grows remarkably fast and produces good large heads earlier than any other kind of equal size we have ever grown. It is fully as early as May King and of larger size and better quality.

The heads are of the Salamander type, light green blanching to cream yellow in the center of the head. They form **very early** and uniformly and are of the highest quality. The leaves are slightly wrinkled or blistered like Salamander and the heads are large, firm and of attractive appearance.

From our trials of this lettuce for two years we are convinced that it is a valuable variety and we are sure our customers will be pleased with it for growing in the open ground. **Pkt. 10c; oz. 20c; ¼ lb. 40c; lb. \$1.50**, postpaid.

## Holyhood Hot-Weather Lettuce

The heads are **very large, compact** and of the **very finest quality** and they stand longer without running to seed than any kind we know of. It is especially valuable for summer use as it stands hot and dry weather remarkably well. The heads are deeper green than Salamander and somewhat resemble the Deacon Lettuce, which they also resemble in quality, having the rich buttery flavor so much prized in that variety.

Gardeners who want to raise the finest head lettuce in the open ground should give this new kind a trial.

**Pkt. 10c; oz. 20c; ¼ lb. 65c; lb. \$2.25**, postpaid.

## New Bohemian Horse Radish

An agent of the U. S. Department of Agriculture some years ago discovered a variety of horse-radish in Bohemia called "**Mallner-Kren**" which in many ways is much superior to the common kind. He brought some roots to this country and it has proved to be of great value.

The roots grow faster and mature earlier than the common kind. The roots grow larger and yield

nearly a third more per acre and are of better quality. The roots of the Bohemian dug in October are larger and of better quality than the common kind dug in the spring when they are at their best. All growers of horse radish should try this new kind. There is money in it. **Sets by mail, 40c per doz.; 50 for 85c.** By express, **50 sets, 50c; 100, 85c; 1,000, \$6.00.**



Holyhood Hot-Weather Lettuce





Irondequoit Musk Melon

## Irondequoit Musk Melon.

An Improved Strain of Surprise.

This melon has been grown for a number of years by market gardeners near Rochester, and has proved so superior in every way that at present there is practically no other variety grown for that market.

The melons are nearly perfectly round, ribbed and covered with netting, as shown in the photograph reproduced here. The flesh is orange colored, thick, sweet and of fine flavor. The melons grow quite large and are of handsome appearance. It is the finest strain of melons of the "Surprise" type we have ever seen. "Tip-Top" is another strain of this type, but the Irondequoit is larger, netted better and is of finer quality and superior in every way.

One great advantage of this variety is that the melons will stand shipping better than other large kinds. They are quite firm and stand up well.

They are not quite as firm and hard as the Rocky Ford Melon, but are better in this respect than almost any other large variety. They ripen medium early, and the vines are healthy and prolific.

We have a very fine strain of this seed of our own growing. Pkt. 10c; oz. 25c; ¼ lb. 70c; lb. \$2.50, postpaid.

Mr. A. J. Barton, Cuyahoga Falls, Ohio, writes:

"Irondequoit Musk Melon is the finest one out yet. They sell on sight."

## "Little Marvel" Pea

This is a new dwarf wrinkled pea like American Wonder and Nott's Excelsior but more productive than either, and fully as early. The pods are 2½ to 3 in. long, plump and filled right out to the ends. The vines grow only a little over a foot high and are covered with pods. The peas are deep green and of high quality.

This we think will become the most popular extra early dwarf peas for the home garden.

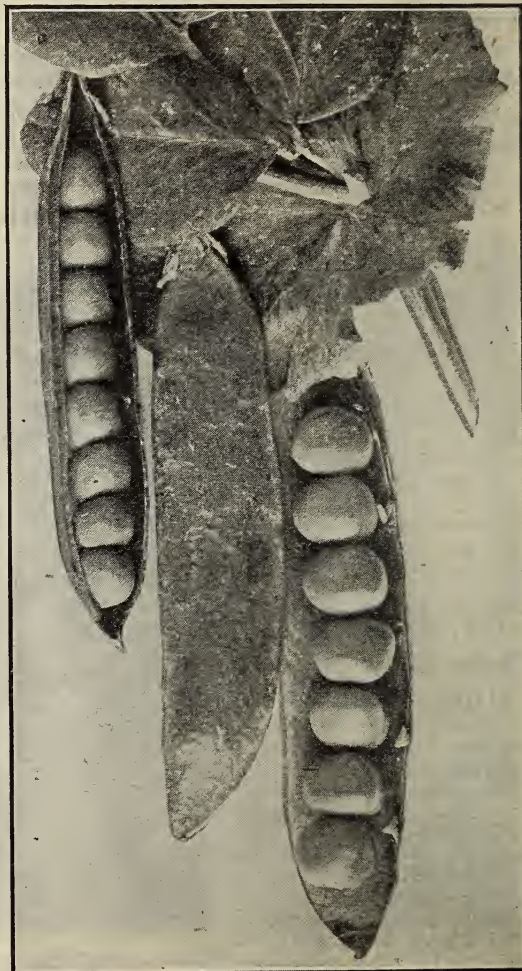
By mail postpaid, ½ pint, 20c; pint, 35c; qt. 65c. By express, pint, 30c; qt. 50c; 4 qts. \$1.90, peck, \$3.75.

## New Early Pea---"LAXTONIAN"

This new pea has the largest pods of any early variety we know of. The pods are 4 to 4½ in. long, being as large as Telephone, while they mature a week or 10 days earlier than that variety. The vines are strong and stocky, only about 18 in. tall, and produce heavy crops of large, handsome, dark green pods.

This pea is 2 or 3 days later than Thomas Laxton and Gradus but has much larger pods than either. We are sure this pea will prove a valuable one both for the home garden and for market. The peas are large and of the very highest quality. Try a few this season.

Price---½ pint 20c; pint 35c; quart 65c, postpaid. By express, pint 30c; quart 50c; 4 quarts \$1.90.



Laxtonian Pea (Photograph)



## Perfected Strain of OSAGE Musk Melon

The Osage or Miller's Cream is one of the best and most popular musk melons grown. The trouble has been to get really good seed that would produce melons of uniform size, shape and quantity. We are pleased, therefore, to be able to offer a limited quantity of seed of a very pure, well bred strain that has been grown for many years by one of the most careful growers in the country, who furnishes melons to some of the most exacting New York and Boston hotels.

These melons grow uniformly of good size, weighing about 5 lbs., are oval in shape, deep green and somewhat netted; flesh very thick, orange yellow and of very high flavor. This strain has been grown from carefully selected melons for so long a time that it produces an almost perfectly uniform type of melon, instead of many different sizes and shapes as come from most of the seed that is sold. Gardeners who want first class Osage Melons, either for home use or market, should try this seed. It will certainly please them. **Pkt. 10c; oz. 25c; ¼ lb. 70c; lb. \$2.50**, postpaid.

## The Famous MONTREAL Musk Melon

Those who visit Montreal in the melon season come back enthusiastic about the delicious melons grown there. So famous are these melons that they are sent to Boston and other large cities and sold at high prices, a single melon often selling for \$2.00 or more.

The seed of these melons is not usually offered for sale but through the kindness of a friend living in Montreal we got a few seeds of the very best strain there grown. From these seed we raised some of the most remarkable musk melons we have ever seen. Melons as large as a half bushel measure and weighing over 30 lbs., were growing in great numbers all over the vines. The largest melon weighed 37 lbs.

The melons are almost perfectly round, deep ribbed and well netted. The flesh is very thick, light green, and when well grown in a favorable climate, of delicious flavor.

The best way to raise these melons is to start the plants in a hot bed or greenhouse as described in our pamphlet on culture of vegetables. Free if you ask for it. **Pkt. 20c; oz. 75c.**

## Harris' New Model Parsnip



Harris' New Model Parsnip. (Photograph)

We have been improving the old Hollow Crown Parsnip by careful selection for some years until we have obtained a very fine strain which we call "Harris Model." The shape is shown in the photograph above.

The parsnips grow to a good length but not too long. The roots are smooth, snow white, and have practically no side roots or prongs. Their whiteness is quite remarkable and gives the roots a very attractive appearance.

We offer seed of our own growing from very carefully selected roots and it will be found far superior to the seed usually sold.

**Pkt. 5c; oz. 12c; ¼ lb. 30c; lb. \$1.00**, postpaid. By express, lb. 90c.

## Dwarf Perfection PARSLEY

This is without doubt the finest parsley grown. The plant is of semi-dwarf habit, very compact, and of a beautiful bright green, while the leaves are very finely cut and curled and are extremely ornamental. The quality and flavor of the leaves is also very fine. Every market gardener should have some of this parsley. Its handsome appearance will sell it quickly and it is a profitable crop. No private gardener should be without it. It is an ornament to the garden and most useful for flavoring and garnishing.

**Pkt. 10c; oz. 20c; ¼ lb. 70c.**

**Pepper. Giant Crimson.** The fruit is very large, often standing 7 inches high and 5 inches in diameter. The flavor is so mild that the fruit may be eaten like an apple. The peppers ripen earlier than any of the other large varieties and the plant produces more fruit. **Pkt. 10c; oz. 50c; ¼ lb. \$1.50.**

APPRECIATIONS—From the "Echo Garden," Petoskey, Mich., Aug. 26, 1912:

"We wish to say that in all the years we have dealt with you we have never received any seeds which were not of the highest quality and true to name. That's some record."—TOWNSEND & SON.

Mr. C. L. McQUESTEN, Reed's Ferry, N. H., writes:

"I have used your seeds for a number of years and I think no better seeds can be bought at any price. They have always been satisfactory."



## New Spinach ESKIMO

This new Spinach resembles the Long Standing, but has *darker colored* and more blistered leaves of larger size and is *hardier*. The leaves grow quite close to the ground and the plant is therefore more easily protected during the winter than varieties that grow more upright. We highly recommend this New Spinach for both spring and fall.

Pkt. 5c; oz. 10c;  $\frac{1}{4}$  lb. 15c; lb. 40c. postpaid. By express 30c. per lb.

## New EXTRA EARLY Earliana Tomato

We are glad to be able to offer our customers a new strain of the popular Earliana Tomato that is a week earlier than the old strain of this variety.

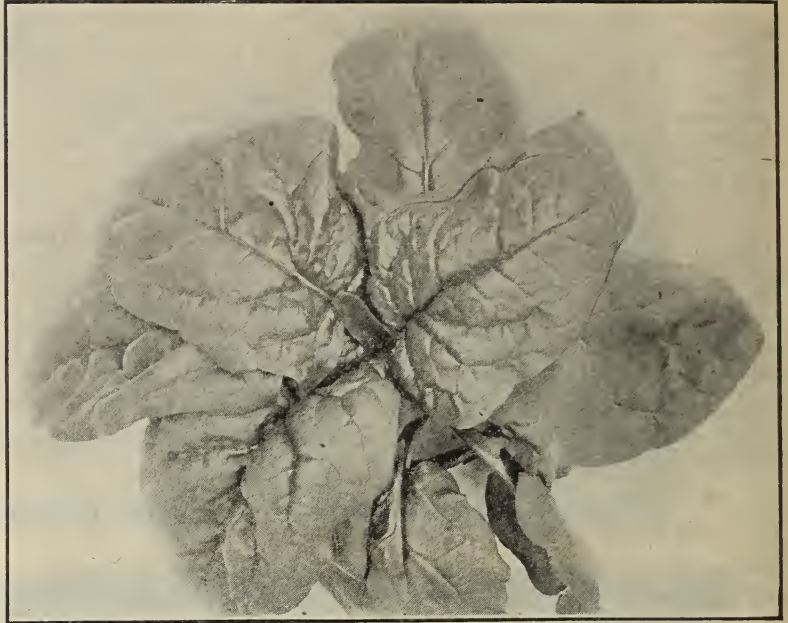
This new strain was developed by one of our customers, Mr. H. P. Langdon, in the extreme northern part of New York state where it is necessary to have very early varieties as the seasons are short.

The fruit not only ripens extremely early, but it is also very solid and colors well all over. The tomatoes are so solid that they produce very little seed—less than half as much as the ordinary strain of this variety.

We had quite a lot of plants of this new strain growing side by side with several other strains from different sources, including our own seed, all with same treatment in every way. The new strain ripened a week earlier than any other and produced a good picking of ripe fruit before any had ripened on the other plants.

Where extreme earliness is desired we advise all gardeners to use the new strain. The plants are hardly as vigorous as our own strain of this variety but they produce big crops on rich land.

We have some very choice seed of our own growing from a fine lot of fruit and we are sure it will please our customers who use it. Pkt. 10c; oz. 45c;  $\frac{1}{4}$  lb. \$1.40; lb. \$4.50, postpaid.



Eskimo Spinach



New EXTRA EARLY Earliana Tomato. The earliest and best strain of Earliana Tomato now grown



## Harris' Selected EARLIANA Tomato

The Earliana, in our opinion, is far and away the best extra early tomato now grown—if you get the right strain of seed. This tomato as we raise it is as smooth as an apple, is well colored around the stem and is very solid, heavy and of the very best quality and the vines are wonderfully prolific, and with all it is the earliest variety grown.

There has been a great deal of seed of inferior strains of Earliana sold which produces rough fruit, green around the stem and of inferior quality. Gardeners who have been using such seed do not know what a fine tomato a really first class Earliana is.

The seed we offer is all of our own growing, saved from the very best smooth tomatoes and will be found far superior to the seed usually sold.

## "Bonny Best" Tomato

This tomato is very early, and yet the fruit is large, smooth, solid and well colored as the best late varieties. The objection to extra early kinds as hitherto has been that the fruit is not as smooth or well colored as the later varieties, and therefore does not sell as well after the better fruit comes into the market. The "Bonny Best," however can compete with any tomato grown, either early or late.

The Bonny Best is not quite as early as the Earliana, of the best strain, but it will ripen some fruit nearly as early, and the bulk of the crop but very little later. It has much more healthy and vigorous vines than Earliana and is very prolific. On good soil the ground is literally covered with beautiful, large, smooth tomatoes, of the most brilliant red, covered evenly all over—no green around the stem, as in the case with all other extra early tomatoes of good size. The great advantage of this new tomato is that the fruit is so large and handsome and of such fine quality it will bring the top price all through the season. With any other early kind after the late varieties come into the market, you have to sell at lower prices on account of the inferior size

and color of the fruit. There is no handsomer looking tomato than Bonny Best, early or late.

The seed we offer is all of our own growing, and will be found of very highest quality. Pkt. 10c; oz. 35c; ¼ lb. \$1.00; lb. \$3.85, postpaid.

Mr. S. J. Cook, of Dunkirk, N. Y., writes:

*"I have found your tomato seed very fine. The strain of Bonny Best you have is certainly extra. The crop I grew last year could not be beaten in this country. A lot of the fruit was as large as the Stone. I had a number of gardeners look at them and they said they never saw better fruit or heavier crop on vines."*



### BONNY BEST

The finest, medium early tomato for market or home use.

## Chalk's Early Jewel.

This is one of the very best medium early varieties. It is a week or two later than Earliana, has perfectly smooth round fruit with less green color around the stem than Earliana. The fruit is deep red, solid and of high quality. It is so solid and of such good color that many large canning factories use it in preference to the later varieties.

Our selected strain of Chalk's Jewel is very fine and will produce fruit of uniform color, smooth and of large size. There is no finer strain to be had any where. Pkt. 10c; oz. 30c; ¼ lb. 80c; lb. \$3.00, postpaid.

## Stone.

You may have raised so-called Stone Tomatoes, but unless you have had our selected strain, or one as good, you do not know what grand fruit this variety can produce. The seed we offer is of our own growing, and will produce perfectly smooth, very solid and heavy fruit, without cracks and perfectly colored. There is no finer tomato, but it is rather late for the Northern parts of the country. Pkt. 5c; oz. 25c; ¼ lb. 75c; lb. \$2.75.

## Success.

This is certainly one of the best main crop, deep red tomatoes either for home use or market. It is also excellent for canning.

It is medium early, being considerably earlier than Stone which it most resembles in other respects.



Chalk's Early Jewel Tomato.

Our strain of this excellent main crop variety is "gilt edged." We have improved the variety very much, and now have seed that will produce perfectly smooth, regular fruit, of even color all over and without cracks. The demand for our strain of this tomato is increasing every year. Selected seed of our own growing. Pkt. 10c; oz. 30c; ¼ lb. 80c; lb. \$3.00.



# Harris' Vegetable Seeds for 1913

The various kinds of seeds are arranged in alphabetical order. That is, names commencing with "A" like Asparagus, come first, followed by those beginning with B, C, etc., so that any vegetable wanted can be easily found.

**Seeds Delivered Free.** At the prices quoted in this list we send the seeds by mail or by express at our expense without any cost to the purchaser, **excepting such prices** as are preceded by the words "By Express." This means that when ordered at that price the seed is to be sent at the expense of the purchaser, and so must be sent by express or freight and not by mail. **Deduct 10c per lb.** from "mail" prices if the seeds are to be sent by express or freight at the purchaser's expense.

**Direction for Cultivation.** We issue a little pamphlet called "Cultivation of Vegetables and Flowers," which will be sent **free** with all orders amounting to 50c or more, if requested.

## ARTICHOKE

The French or Globe Artichoke is largely used as a vegetable and is entirely different from the tuberous or Jerusalem Artichoke. The Globe Artichoke is a perennial and produces the flower buds, which are used for food, the second year after sowing the seed. North of Virginia the plants require protection in winter. The seed is sown early in the Spring.

**Large Green Globe.** The standard variety. **Pkt. 10; oz. 35c; ¼ lb. \$1.00.**

## ASPARAGUS

**Asparagus Seeds.** To raise Asparagus from seed the seed should be sown early in the spring. One ounce of seed will sow 75 feet of row and produce about 250 plants. The plants may be set in the permanent bed when either one or two years old.

**Giant Argenteuil.** A French variety, said to be larger than any other kind. It is becoming very popular in this country where known. We offer seed imported by ourselves direct from France. **Pkt. 5c; oz. 10c; ¼ lb. 20c; lb. 60c.** By express, **lb. 50c.**

**Conover's Colossal.** The old standard sort. **Pkt. 5c; oz. 10c; ¼ lb. 18c; lb. 50c.** By express, **lb. 40c.**

**Palmetto.** This is one of the best varieties. It produces large, light green shoots early in the season, and is said to be less subject to rust than any other kind. **Pkt. 5c; oz. 10c; ¼ lb. 20c; lb. 55c.** By express, **lb. 45c.**

**Asparagus Roots.** We raise large quantities of Asparagus roots on our own farm, and can furnish roots that are much larger and stronger than those usually sold. They are raised from thin seeding and given the best of care so they are large, strong and vigorous. Many roots that are sold at low prices are raised by sowing the seed thick and so getting more roots per acre, but they are always poor, small and weak and never produce good results. It is of the greatest importance to have large thrifty plants to start with. Poor plants will never make a good bed. For family use 100 roots set out two feet apart will make a fair size bed. If good 2-year-old roots are used cutting may commence the following spring after setting—not the first year.

**GIANT ARGENTEUIL.** 1-year-old roots, postpaid, per doz. **25c; 50 roots 75c; 100 roots \$1.25.** By express, **50 roots 50c; 100 roots 75c; 1000 roots \$4.00.** 2-year-old roots, postpaid, per doz. **45c.** By express, **50 roots 65c; 100 roots \$1.00; 1000 roots \$6.50.**

**PALMETTO.** We can furnish both 1-year-old and 2-year-old roots of this variety at the same prices as for Giant Argenteuil quoted above. *Price on larger lots of either variety will be quoted by letter.*

### Start an Asparagus Bed

It is not as difficult to raise asparagus as many people think. Simply set out the roots in good garden soil and keep the bed free from weeds and the following spring you can cut delicious asparagus. Full directions for culture will be sent to any one ordering roots, if requested.



Argenteuil Asparagus



One quart of seed will plant  
150 feet of row.

## Dwarf Beans

$\frac{3}{4}$  to  $1\frac{1}{2}$  bushel of seed  
per acre.

### Notes on Varieties.

Of the *Wax* or *yellow podded* garden beans, **Valentine Wax** is the earliest, is very prolific and of fine quality. The new **Michigan White Wax** has pure white beans which can be used for baking when ripe, while the pods are of fine quality when young. **Wardwell's Kidney Wax** is early, and has very long flat pods, while **Round Pod Kidney Wax** differs only in shape of the pods, which are round instead of flat. **Burpee's New Kidney Wax** has narrower and thicker pods than **Wardwell** and is more prolific. The new **Hodson Wax** is two weeks later, more vigorous and prolific, and is free from rust and blight, but not on the best quality. **Davis' White Wax** is early and prolific, and the pods resemble **Wardwell's Kidney Wax**, but are not of as good quality. **Currie's Rust-Proof** has short, thick, deep yellow pods, of fine quality and nearly rust-proof. The dry beans are black. The **Improved Rust-Proof Golden Wax** has straight, flat pods of medium length, early and is quite free from rust. **Crystal Wax** has small, round, very light green or nearly white pods, which are of the finest quality. It matures two weeks later than **Valentine Wax**, and is excellent to follow that variety for home use.

Of the *green podded* garden varieties, **Burpee's Stringless Green Pod** is one of the earliest and of fine quality with large round stringless pods, light green and nearly straight. **Giant Stringless Valentine** is more prolific, has large, stringless, light green pods of high quality. The **Black Valentine** is just as early, has pods fully as long, but not so thick, and is not of quite as fine quality, but is very prolific. **Bountiful** is three or four days later, has long, slender, flat pods of the finest quality, and perfectly stringless. Continues in bearing a long time and is very prolific.

**Full Measure** is very prolific, as early as **Bountiful** and has thicker pods of high quality.

**Refugee** is still later and has long, straight, round, light green pods, of fine quality when young.

For *shelling green*, **Dwarf Limas** are of the best quality, but are more difficult to raise than **Ruby Dwarf Horticultural** and **Goddard** or **Boston Favorite**, both of which are very hardy, prolific and easily raised, and of fair quality for succotash, but far inferior to **Limas**.

Of **Dwarf** or **Bush Limas** there are three distinct types, of which **Burpee's** is the largest, having large, flat beans, fully as large as those of the old pole **Limas**. **Burpee's Improved** belongs in the large **Lima** class, but has thicker and heavier beans, than the old strain. **Dreer's** and the new "**Fordhook**" have round or "potato" beans, and **Henderson's** has small, flat beans, which mature a little earlier than the other two. **Henderson's** is very hardy and prolific, and will succeed anywhere, but the beans are only half the size of **Burpee's**.

Of **FIELD BEANS**, **Boston Marrow** or **Marrowfat**, is the largest white bean, and always brings higher prices in market than the smaller **Marrow Pea** bean, which is earlier and more prolific. In favorable seasons and on good soil, **Boston Marrow** will produce large and profitable crops, and the same may be said of the **Red Kidney**, which is also later than the **Marrow Pea**, and requires better land.

**CULTURE.** Garden beans of the dwarf or bush varieties are usually sown in rows 2 feet apart, dropping the seed 2 inches apart in the row. Do not sow until the ground is warm and danger of frost is past.

### Varieties of Special Merit

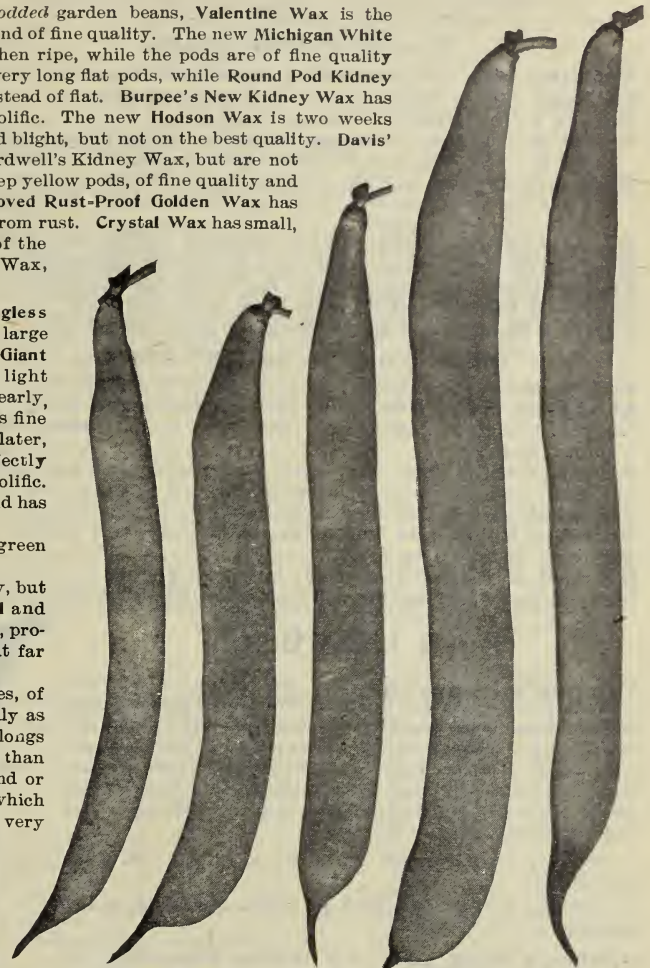
**VALENTINE WAX BEAN.** We think this is the earliest wax bean now grown. In our trial grounds the past season it was ready five days before **Golden Wax**. It is not only early, but is remarkably prolific, the vines being literally covered with their clear yellow pods, which are as round as a pencil and about the same size and of good length. The seed we offer is of a vigorous and healthy strain, free from blight and rust or pod spot. The pods are of the finest quality, being very tender and without strings. See price list next page.

**MICHIGAN WHITE WAX.** The great advantage of this variety is that it has pure white beans which can be used or sold for table use when dry. With this variety you can use the pods for "snaps" as long as they are in fit condition and afterward use all the remaining beans when ripe and dry instead of wasting them. The pods are deep butter yellow and of high quality.

**GIANT STRINGLESS VALENTINE.** We consider this the best early green-podded dwarf bean with round pods. It is remarkably prolific and the pods are of the highest quality.

**BLACK VALENTINE.** A very prolific green-podded bean that has proved most profitable for market. It produces long, straight, handsome round pods that are free from rust and command the best price in the market. Matures two or three days earlier than other strains of **Valentine** and the vines are vigorous, free from rust or blight and produce very large yields. See price list next page.

**BOUNTIFUL.** A very superior green-pod variety, with long, flat pods that are thick, stringless, and of the very best quality, being tender, meaty and of fine flavor. Although an early variety it continues bearing a long time, so it is very valuable for the home garden. Market growers also find it profitable, as the vines are remarkably prolific, yielding an immense quantity during the season. See price list next page.



Valentine  
Wax

Michigan White  
Wax

Currie's  
Rust-proof

Wardwell's

Davis Wax



## Price List of Dwarf Beans.

Four quarts of one variety will be supplied at half the peck price.  
For price per bushel see our Wholesale Price List.

### WAX OR BUTTER BEANS.

	By Mail, Postpaid				By Express Not Prepaid		
	Pkt.	½ Pt.	Pint	Quart	Pint	Quart	Peck
Valentine Wax, the earliest kind, round pods, fine quality ....	\$0'06	\$0 15	\$0 25	45	\$0 17	\$0 30	\$1 70
Michigan White Wax, new. See description above .....	06	15	25	45	17	30	1 70
Burpee's New Kidney Wax, see page 6 .....	06	15	25	45	17	30	1 80
Wardwell's Kidney Wax, very large flat pods of deep butter yellow. We offer a new "Rust-free" strain .....	06	12	22	40	15	25	1 60
Hodson Wax, very prolific, yielding nearly twice as much as other kinds. Quite late, pods long, straight and handsome, but only of fair quality .....	06	12	22	40	15	25	1 60
Round Pod Kidney Wax, like Wardwell's, but has round pod;	06	12	22	40	15	25	1 60
Davis White Wax, very hardy and prolific, of only fair quality	06	12	22	40	15	25	1 50
Crystal Wax, late, fine for home use, tender and delicious.....	10	15	25	45	17	30	2 00
Improved Rust-Proof Golden Wax, early and good.....	06	12	22	40	15	25	1 50
Currie's Rust-Proof Black Wax, improved Black Wax .....	06	12	22	40	15	25	1 50

### GREEN PODDED GARDEN BEANS

Full Measure, see page 6.....	06	12	22	40	15	25	1 50
Stringless Green Pod, round pods of high quality .....	06	12	22	40	15	25	1 50
Giant Stringless Valentine, the best early green-podded bush bean.....	06	12	22	40	15	25	1 45
BLACK VALENTINE, very early and prolific and one of the most profitable market varieties.....	06	12	22	40	15	25	1 40
Bountiful, very prolific and of fine quality.....	06	12	22	40	15	25	1 40
Improved Round-pod Valentine, extra early, very prolific ...	06	12	22	40	15	25	1 45
Refugee, or 1,000 to 1.....	06	12	22	40	15	25	1 35
Goddard or Boston Favorite, for shelling green .....	06	12	22	40	15	25	1 45
Ruby Dwarf Horticultural, better than the old Horticultural.	06	12	22	40	15	25	1 60

## Bush Lima Beans

**Burpee's Improved** This new strain of Burpee's Bush Lima has beans of larger size and deeper green color than the old strains and the vines are more true to the bush form with fewer runners. The beans are both larger and thicker than the old form and the pods are also larger. Whether the beans are sold shelled or in the pod this new strain will be found superior on account of its larger size and better color.

Price by Mail, postpaid. Pkt. 10c; ½ pt. 17c; pt. 28c; qt. 50c.

Price by Express. Pt. 20c; qt. 35c; 4 qts. \$1.15; peck, \$2.25.

**BURPEE'S BUSH LIMA—New Wonder Strain**—This improved strain bears larger crops and is earlier than the old and original variety. The beans are as large as the pole Limas and of equally fine quality, while they mature earlier and are far less trouble to raise. This is the same as what Burpee calls his "Quarter Century strain." It is the earliest large podded Lima and with us the most prolific.

Pkt. 10c; ½ pt. 15c; pt. 28c; qt. 50c postpaid.

By Express. Pt. 18c; qt. 35c; pk. \$2.00.

**FORDHOOK BUSH LIMA.** This is a remarkable improvement on the old Dreer's Bush Lima. It is so much better in every way that it will certainly displace the old variety. The pods are larger and contain more beans. The beans are larger and of better quality and deep green in color. The vines are more vigorous and productive and the beans mature earlier.

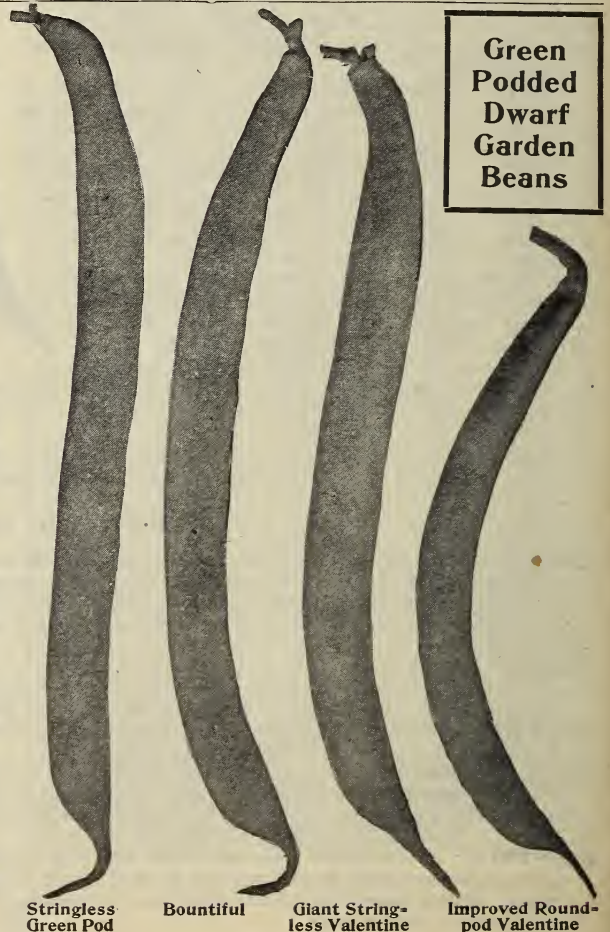
Those who prefer the thick "Potato" Limas will find this new strain far superior to any other.

By Mail, postpaid. Pkt. 10c; ½ pt. 15c; pt. 28c; qt. 50c.

By Express. Pt. 20c; qt. 35c; 4 qts. \$1.25; peck \$2.40.

**DREER'S OR "POTATO" BUSH LIMA**—Large, thick, nearly round beans of good quality. Not as large or prolific as Fordhook, which is superior in every respect. Price same as for Fordhook.

For Pole Limas see next page.



Stringless  
Green Pod

Bountiful

Giant String-  
less Valentine

Improved Round-  
pod Valentine



**FIELD BEANS—For Use Dry**

	By Mail, Postpaid				By Express		
	Pkt.	½ Pt.	Pint	Quart	Pint	Quart	Peck
<b>Boston Marrow, or White Marrowfat</b> , large, plump, white beans of high quality, later than Marrow Pea .....	\$0 06	\$0 12	\$0 22	\$0 40	\$0 15	\$0 25	\$1 15
<b>Marrow Pea, or White Navy</b> , small, early, prolific .....	06	12	20	35	13	20	1 00
<b>Red Kidney</b> , red, kidney-shaped, late .....	06	12	22	40	15	25	1 10

## Pole or Running Beans

Beans of this class should have some kind of support on which to climb. Poles are usually placed in the ground and the beans planted around them in a circle.

**NOTES ON VARIETIES.** Of the Pole Limas **Early Leviathan** is the earliest and has very large pods and is the best variety for either home use or market. **King of the Garden** is later but has very large pods. **Challenger Lima** has thick, nearly round beans which are large and of good quality. This is an improved strain of Dreer's or Potato Lima and is superior to that old variety in every way. **Golden Cluster Wax** has large, deep yellow pods that are entirely stringless and of the highest quality as a snap bean. It is wonderfully prolific. **Scotia** is a green podded snap bean of very superior quality and remarkably productive. **Kentucky Wonder** is similar to Scotia but is earlier and not of quite as good quality. The pods are very long, deep green and of fine quality when young. **Golden Carmine Podded Horticultural** is a bean that can be used either as a "snap bean" or shelled green like Limas. It is by far the best variety of this class. It has large, yellow, waxy pods that are of excellent quality.

**Scotia Bean.** We introduced this bean many years ago and it has become very popular, among our customers. It is certainly a very superior bean for family use. A few hills will furnish delicious "string" beans during August and September when the earlier bush beans are gone. The pods are perfectly round, straight, long and slender and **perfectly stringless** and are of the very highest quality when cooked.

Gardeners find this a profitable variety for market as it produces **immense crops** and can be raised without poles if so desired. *See price list below.*

### Lima and other Pole Beans

	By Mail, Postpaid				By Express		
	Pkt.	½ Pt.	Pint	Quart	Pint	Quart	Peck
<b>Early Leviathan Lima</b> , the best and earliest large pole Lima	\$0 10	\$0 15	\$0 28	\$0 50	\$0 20	\$0 35	\$1 80
<b>King of the Garden Lima</b> , very large pods and beans .....	10	15	25	40	15	25	1 60
<b>Large White Lima</b> .....	10	15	25	40	15	25	1 60
<b>Challenger Lima</b> —Improved Dreer's or Potato Lima .....	10	15	25	45	18	30	1 75
<b>Golden Cluster Wax</b> .....	10	17	30	55	22	40	.....
<b>Golden Carmine-podded Horticultural</b> .....	10	17	30	55	20	40	2 25
<b>Speckled Cranberry, or London Horticultural</b> .....	10	15	25	45	18	30	.....
<b>Scarlet Runner</b> , ornamental vine, bright red flowers, very handsome .....	10	20	35	60	25	45	.....
<b>Kentucky Wonder</b> , early, green-podded and very prolific .....	10	15	25	45	18	30	1 75
<b>SCOTIA</b> , the most delicious snap bean .....	10	15	25	45	18	30	1 80

Four quarts of any one variety will be supplied at half the peck price.

One ounce of seed will sow sixty feet of row

## Beets

Ten pounds will sow an acre in rows 18 inches apart.

Beets can be sown early in the spring, and again a few weeks later for a succession. It is an excellent plan to sow some in July for use in the fall. These young beets can be put in a pit or root cellar and covered with sand, and will keep in nice, tender condition for use in winter.

**Crosby's Egyptian, Harris' Selected Strain.** This is one of the earliest, handsomest and best beets for market and home use. Our selected strain will be found very fine. See page 11. **Pkt. 5c; oz. 15c; ¼ lb. 40c; lb. \$1.50**, postpaid. By express, **\$1.40 per lb.**

**Detroit Dark Red.** A medium early globe-shaped beet of excellent quality. It is especially esteemed on account of its dark red color, which extends entirely through the beet, and without the light-colored rings seen in some varieties. The beets are smooth and handsome and are now being largely used for canning as well as for the market. It retains its good quality even after it gets large and is an excellent variety on this account for fall use as well as for spring. We have a very fine strain of this beet, being of *uniform globe shape, small tops and very dark red.* **Pkt. 5c; oz. 12c; ¼ lb. 30c; lb. \$1.10.** By express, **\$1.00 per lb.**

**Crimson Globe.** A very handsome round beet of perfect globe shape, small top smooth and deep red in color. A quick grower and of the *highest quality*, remaining for a long time without becoming hard. We highly recommend this beet for both home use and market. **Pkt. 5c; oz. 10c; ¼ lb. 25c; lb. 90c;** postpaid. By express, **80c per lb.**

**EARLY BASSANO.** Large and of excellent quality, rather light in color. **Pkt. 5c; oz. 12c; ¼ lb. 25c; lb. 85c,** postpaid.

**Eclipse.** This is one of the earliest and handsomest beets grown. The beets are globe-shape, smooth and with very small tops, and are of the best quality. Not of as dark color as Crosby's Egyptian or Detroit Dark Red. We offer a superior strain of seed. **Pkt. 5c; oz. 12c; ¼ lb. 30c; lb. 95c.** By express, **85c per lb.**



Eclipse Beet



**Edmunds' Blood Turnip.** A fine strain of the popular Blood Turnip beet. The beets are round and smooth, deep red and of fine quality even when fully grown. Very popular for market as well as for home use. Larger and a little later than Eclipse. **Pkt. 5c; oz. 10c; ¼ lb. 25c; lb. 90c, postpaid.** By express, **80c, per lb.**

**LONG SMOOTH BLOOD RED.** Roots long, smooth and very dark red. **Pkt. 5c; oz. 12c; ¼ lb. 25c; lb. 90c, postpaid.**

**EARLY BLOOD TURNIP.** We have an excellent strain of this old favorite. **Pkt. 5c; oz. 12c; ¼ lb. 25c; lb. 90c, postpaid.**

## Swiss Chard, or Sea Kale Beet

Swiss Chard is a beet grown for its leaves. The mid-rib when boiled makes delicious greens, or the leaves may be boiled and served as spinach. Sown in the spring the leaves are soon ready to eat, and will continue to grow all through the summer and fall. If given a little protection it will survive the winter and make excellent greens early in the spring.

**SILVER LEAF.** Large smooth leaves with silvery white stems which are tender and of fine flavor. **Pkt. 5c; oz. 12c; ¼ lb. 25c, lb. 85c.**

**LUCULLUS.** A new variety with curled leaves like a Savoy cabbage. The plants grow nearly 2 feet high and the stem and leaves are very large and of fine quality. **Pkt. 5c; oz. 15c; ¼ lb. 30c; lb. \$1.00, postpaid.**

## Mangel Wurzels and Sugar Beets

Most economical and valuable food for cattle and sheep.

There is no crop more valuable for feeding cows and sheep than Mangels and Sugar Beets. Considering the fact that it is easy to raise 40 tons or more per acre and that the whole root is perfectly digestible, there being no waste as is the case with corn stalks or other coarse fodder, there is no other food more economical. Not only this, but cows fed on mangels during the winter will give more and better milk than they will on any other food. Sheep also are much healthier and ewes with lambs give more milk, and therefore raise better lamb than if fed only dry food. It is the poorest kind of economy to try to get along without them.

**Culture.** Any soil that will raise good crops of corn or potatoes will do for Mangels. Sow in May, in rows 2 feet apart. Seed may be sown with a drain drill, but a hand drill is better. It requires about 8 or 10 lbs. of seed per acre. Plants should be thinned out to one foot apart when a few inches high. Mangels are also easily transplanted and may be sown thickly and the plants set out a foot apart in the rows. In this way you get a perfectly even stand of plants.

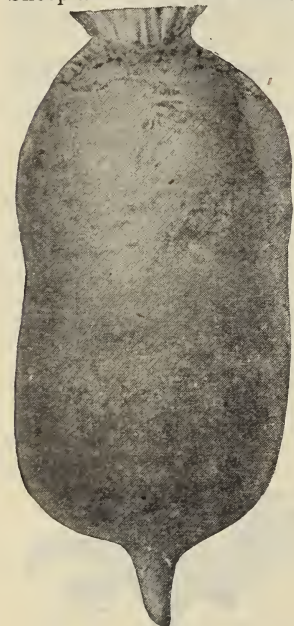
### Danish Yellow Giant Mangel

Yields larger crops than any other variety

The roots grow to a very large size, of a deep yellow color, and are smooth and handsome, having small tops and very few side roots. They grow over two-thirds above ground, so that they can be harvested with very little trouble.

Although these mangels are not quite as rich in sugar as some of the smaller beets, yet they yield so much more that they produce more actual dry matter per acre than other kinds.

In a trial of the different varieties of Mangels on our farm the contrast between this new variety and other kinds was very marked, the Danish Yellow Giant being far ahead in size and vigor of growth all through the season and yields 100 bushels more per acre than any other kind. **Pkt. 5c; ¼ lb. 15c; lb. 45c, postpaid.** By express, **lb. 35c; 5 lbs. or more at 30c per lb.**



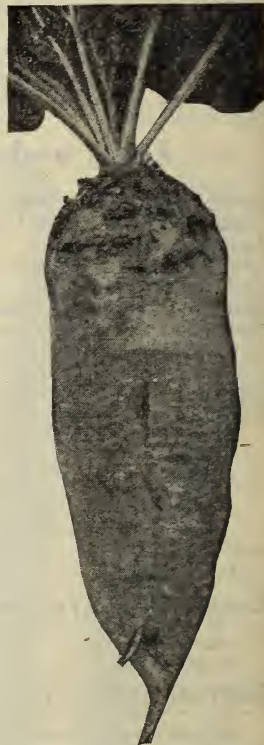
Giant Yellow Eckendorf

**Giant Yellow Eckendorf.** This new Mangel makes immense roots nearly the same size from top to bottom having very blunt ends and small tap root. The Mangel's grow two-thirds above ground and are very easily pulled. They often weigh 20 lb. or more and produce immense yield of roots of high quality. This variety is especially adapted to shallow soils. **Pkt. 5c; ¼ lb. 15c; lb. 45c postpaid.** By express, **lb. 35c; 5 lbs. at 30c per lb.**

**NEW "HALF-SUGAR" MANGEL.** This Mangel or Giant Sugar Beet, is intermediate between the large Mangels and the Sugar Beets. The roots are white with green tops, and grow to a large size, oval in shape, growing half out of the ground, and have small tops. The roots contain a higher percentage of sugar, and are therefore more valuable for feeding than the larger and coarser Mangels. The Giant Sugar Beet yields much larger crops than any other kind of sugar beet and nearly as much per acre as the largest Mangels. **Pkt. 5c; ¼ lb. 18c; lb. 65c, postpaid.** By express, **55c per lb.; 5 lbs. or more, 50c per lb.**

**GIAIT YELLOW INTERMEDIATE.** The roots are in shape intermediate between the Globe and Long Mangels. The color is deep orange yellow and the quality is first-class. In yield this variety is not quite equal to Danish Yellow Giant which is much the same in shape and color. **Pkt. 5c; ¼ lb. 12c; lb. 40c, postpaid.** By express, **30c per lb.; 5 lbs. or more, 28c per lb.**

**GOLDEN TANKARD.** Roots about the same shape as the Intermediate, but the flesh is yellow all the way through. In all other respects it resembles the Giant Yellow Intermediate very closely. We have a very fine selected strain of this variety. The roots grow very uniform in shape and the flesh is of a deep yellow color. **Pkt. 5c; ¼ lb. 15c; lb. 50c, postpaid.** By express, **40c per lb.; 5 lbs. or more, at 35c per lb.**



Danish Yellow Giant Mangel



**HARRIS' YELLOW GLOBE.** Roots perfectly round, smooth and with very small tops. Easily harvested and yields large crops. Will keep better than any other variety. **Pkt. 5c; ¼ lb. 20c; lb. 65c**, postpaid. By express, **55c per lb.; 5 lbs. or more, at 50c per lb.**

**Mammoth Long Red, OR NORBITON GIANT.** This variety has produced the largest yield of any kind of mangel at the field trials held at Cornell University for the past two years. The quality of the roots for feeding is high. The roots grow very large and keep well. We have an unusually fine strain of seed of this variety. The Mangels grow larger around than the older "Long Red" and are smoother and better in every way. **Pkt. 5c; ¼ lb. 15c; lb. 50**, postpaid. By express, **40c per lb.; 5 lbs. or more, at 35c per lb.**

**Lane's Improved Sugar Beet.** A very fine strain of sugar beets for stock. The roots grow to a large size and partly above ground, and are rich, sweet and of high feeding value. **Pkt. 5c; ¼ lb. 18c; lb. 55c.** By express, **45c per lb.; 5 lbs. or more, at 40c per lb.**

## Brussels Sprouts

1 oz. of Seed will produce 2000 plants

A delicious vegetable that is becoming very popular in all large markets. It should be more largely grown in private gardens, as it affords fresh green sprouts in the late fall and winter when other vegetables are gone. It is cultivated like cabbage. The sprouts that grow along the stem are picked off and cooked like cabbage or cauliflower and are very delicate and fine flavored.

**Long Island Improved Dwarf.** A popular variety on Long Island, where this vegetable is grown on a large scale for market. **Pkt. 5c; oz. 20c; ¼ lb. 60c; lb. \$2.25.**

**HERCULES.** A new variety from Holland that has proved to be the best variety in our trial grounds. Form large solid sprouts that cover the stem. Grows to a medium height and produces large yields. This is the best variety we have found, either for home use or market. **Pkt. 10c; oz. 30c; ¼ lb. 90c.**

**Danish Improved.** A fine new variety, see page 7. **Pkt. 10c; oz. 50c; ¼ lb. \$1.25.**

**PLANTS.** We can furnish Brussels sprout plants at proper time for transplanting. See Plant Department last pages of this catalogue.

## Cauliflower

One ounce of seed will produce 1,500 to 2,000 plants if sown in open ground, or about 3,000 in frames

**To raise good Cauliflower.** There is nothing so essential to success in raising Cauliflower as **good seed.** The best Cauliflower seed is very expensive, but it is worth to the grower ten times as much as cheap and carelessly grown seed. We get the best results from using **Snowball** and **Danish Giant** for main late crops as well as for early use. The seed we offer is grown with the greatest care, and 99 per cent. of the plants will produce fine, compact heads of good size.

Early Cauliflowers are difficult to raise and are not of the best quality, but when the plants are set out in late June or July and the heads form in October there is no difficulty in getting fine, large heads of first-class quality. The seed should be sown in open ground or cold frames about the middle of May or first of June on good soil. When plants are large enough transplant to rich, moist soil. These remarks refer to Snowball or other early kinds. The late kind must be sown and transplanted earlier.

**Snowball.** Although an early variety the Snowball is used almost exclusively for late or main crop, as well as for forcing and summer use. There is no finer cauliflower than a **first-class strain** of this variety. The heads are **large, heavy and close grained**, with no leaves growing through them.

*There is nothing finer than the strain of Snowball we offer, no matter under what name it is sold, or what price is charged for the seed.*

If you want to pay \$3.00 or \$4.00 per ounce for cauliflower seed and get the same thing we sell you for \$1.80, of course you can do so, but we do not see the sense in it. **There is no better seed than we offer sold at any price**, and we want all large growers to try some of it and see for themselves. **Pkt. (250 seeds) 10c; ¼ oz. 50c; oz. \$1.80; ¼ lb. \$6.75.**

**"Danish Giant" or Dry-Weather.** This is a new strain of Snowball Cauliflower that grows larger and has more leaves than the old variety, and matures about two weeks later. It is especially valuable for high ground, as it is more vigorous than the Early Snowball, and stands dry weather better. Having more leaves it is easier to protect the heads from the sun, and keep them snow white. **Pkt. 10c; ¼ oz. 60c; oz. \$2.00; ¼ lb. \$7.50.**

**Erfurt Early Dwarf.** Not quite as early or fine as Snowball, but is an excellent variety both for early and late crop. It is very reliable in regard to heading, and the heads are solid and compact. **Pkt. 10c; ¼ oz. 45c; oz. \$1.70.**

**LARGE ALGIERS.** One of the best late varieties. Heads of the largest size, white, but not as compact as Snowball. A reliable header. **Pkt. 10c; ½ oz. 40c; oz. 75c; ¼ lb. \$2.25.**

**Large Lenormand Short Stem.** Large and vigorous. **Pkt. 10c; ½ oz. 35c; oz. 60c.**

**Walcheren.** Large, late and very hardy. Will stand considerable frost. **Pkt. 10c; oz. 60c; ¼ lb. \$ 2.00.**

## Cabbage

One ounce of seed will produce 1,000 to 2,000 plants sown in open ground, or 3,000 if sown in frames, requires about 6 ounces of seed to produce plants for an acre of ground.

**The Best Cabbage Seed.** We have raised cabbage seed for 30 years. Being situated in one of the best cabbage growing regions in the country, we have long made a specialty of raising cabbage seed, and have been able, by selecting the very best heads for seed, to breed up some very fine strains of cabbage that will satisfy the requirements of the most critical grower. You can buy cheaper seed, but you can't get any better seed than Harris' cabbage seed at any price.



**Methods of Culture.** To get very early cabbage in the northern states the seeds should be sown in hot-beds in February or March, or about six weeks before the ground outside is ready to receive the plants. For medium early crop the seed of early kinds like Enkhuizen Glory, Eureka, Burpee's All Head and Early Spring may be sown in the open ground as early as possible and the plants transplanted as soon as large enough. This will give cabbage ready for use in August if the land is rich and well cultivated. For late crop the seed should be sown in this latitude about May 20th, and the plants set out July 1st. Seed of early varieties may be sown as late as June 15th to 20th, and will mature a good crop. For late sowing, Volga, Enkhuizen Glory and Burpee's All Head are excellent varieties.

### Early Varieties of Cabbage.

Among the earliest kinds the different strains of Wakefield are best known. **Extra Early Wakefield** is the earliest, but the heads are small. **Early Jersey Wakefield** has larger heads and is extremely early, while **Charleston Wakefield** has still larger heads, not so pointed as the other two, and matures two weeks later. Of the *early flat-head* kinds, **Eureka**, **Enkhuizen Glory** and **Copenhagen Market** are the earliest, while **Burpee's All Head Early** is a little later and is often used for planting late after early potatoes or other early crops. The new *Stanley* is of very *high quality*, being far superior to other kinds for table use.

#### CABBAGE—Early Varieties.

*Packets of any of the following varieties. 5c, except where noted:*

	By mail, postpaid		
	Oz.	¼ lb.	Lb.
<b>STANLEY.</b> (New) The best for the home garden.....	Packet 10c		
<b>COPENHAGEN MARKET.</b> New and very fine. See page 5.....	Packet 10c		
<b>Extra Early Wakefield.</b> Earliest, small pointed heads .....	30	90	3 50
<b>EARLY JERSEY WAKEFIELD. Special selected strain,</b> heads of good size, very uniform and compact. Our strain of this variety is far superior to that usually sold....	35	1 10	4 00
<b>Charleston Wakefield.</b> Larger, broader and not so pointed as the above and a little later. We have a fine strain of this variety. Every plant makes a good large head.....	30	90	3 50
<b>ENKHUIZEN GLORY.</b> New, very early, large round heads. See page 7.....	25	80	3 00
<b>Eureka.</b> Same as "Maule's Extra Early." Very large flat heads, as early as Charleston Wakefield .....	25	70	2 50
<b>BURPEE'S ALL-HEAD EARLY.</b> Medium early, large, solid heads, and of very compact growth. One of the best for summer use or for planting late for main crop. Our seed is of the very finest strain and produces even crops of large solid heads.....	25	70	2 60
<b>Henderson's Early Summer,</b> medium early flat heads.....	25	65	2 50
<b>Early Spring.</b> Early and very fine, flat heads, solid and compact .....	25	65	2 50

**Early Cabbage Plants.** We can furnish very fine transplanted cabbage plants ready April 15 to May 15. See plant Department

### Late or Main Crop Varieties of Cabbage

**Danish Ball Head** is now most extensively planted for fall and winter shipping, and is very profitable on good land and under favorable conditions, but it does not yield as much as some of the domestic or flat varieties. It does not succeed south of Pennsylvania. **Succession** heads evenly and quite early, but cracks badly if not cut as soon as well matured. **Volga** produces large solid heads and grows so fast that it can be set out late and will produce immense crops. **Harris' Short Stem** is a large, late flat cabbage with very solid, heavy heads of fine quality.

It has been found profitable in many cases to plant early varieties of flat cabbage for fall market. They produce medium size, hard heads which are preferred in market to the larger heads of the late varieties. For this purpose **Burpee's All Head Early** is the most popular variety. It has been found very profitable in this locality. **Enkhuizen Glory** is also excellent for this purpose. It can be set out as late as August 1st, on good land. **Mammoth Rock Red** and the new "**Holland Export**" are the best *red cabbages* and are often very profitable. **Savoy** cabbage is of the finest quality and excellent for home use in the fall and winter.

**Danish Ball Head. "Solid Emperor" Strain.** This strain produces very solid heads of good size and *deep green*. The stems are of medium length, not as tall as some strains. The heads are round as a ball, deep green and of excellent keeping qualities, so they can be stored all winter and come out in good condition in the spring. The seed we offer was raised with great care and produces heads of uniform type. Cabbage growers who want the *very best* Danish cabbage for winter storage will find this strain unsurpassed. (*See price list next page.*)

**Danish Ball Head. Short Stemmed Strain,** (also called **Danish Round Head.**) This strain produces very large, solid heads on shorter stems than the "Solid Emperor" described above. It is also a week or ten days earlier. It produces larger yields than any other Danish Cabbage we have tried. It is especially valuable for high, dry land, as it will produce good size heads where the other strains would be too small.

While we can see little difference in the keeping qualities of these two strains it is claimed by some growers that this short stemmed strain does not come out quite as green after being stored all winter as does the "Solid Emperor." For shipping in the late fall or winter there is nothing finer than this strain.

The seed we offer is so well bred that practically every plant will produce a good solid head of uniform type. (*See price next page.*)

**Volga.** This is one of the best large cabbages we have ever raised. For uniformity in growth, shape of head and hardness we have rarely seen its equal in a large heading variety. Plants set out July 9th on very ordinary soil with no manure or fertilizer produced large, solid, hard heads by the 10th of October—two or three weeks earlier than other large kinds. The plant is nearly all head, having few outside leaves. The heads are nearly as round as a ball and almost as hard and solid as Danish Ball Head, while they are much larger and heavier, often weighing 15 lbs. each. On account of its rapid growth this cabbage can be set out in this latitude as late as July 20th, and still produce large, solid heads for winter use. (See price below.)



Volga Cabbage. (Photograph.)

**“Ever Ready”.** This is an improved strain of Volga being even more uniform and of larger size than the older strain. (See price below.)

**Harris’ Short Stem.** A very fine, large, late cabbage for fall and winter use. The heads are very deep for a flat cabbage and are hard and compact and keep remarkably well. The quality of the cabbage is exceptionally fine, the heads being of fine grain, tender and without a hard core in the center.

For home use there is no large cabbage equal to this, and for market where a large head is required, we know of nothing better. We have raised the seed of this cabbage over 30 years and have a very fine, pure strain of it. (See price below.)

Cabbage—Main Crop Varieties. <i>Packets of any of the following kinds, 5 cents, except where noted.</i>	By mail, Postpaid		
	Oz.	¼ lb.	Lb.
<b>“Ever Ready.”</b> A very fine new strain of Volga cabbage..... Pkts. 10c	\$0 50	\$1 25	\$4 75
<b>Volga.</b> See description above.....	25	65	2 50
<b>HARRIS’ SHORT STEM.</b> Large heads of finest quality. See description above.....	30	1 00	3 75
<b>DANISH BALL HEAD, “Solid Emperor”</b> strain. This is the best strain we have found after trying a great many others from different growers.....	25	65	2 50
<b>DANISH BALL HEAD, Short Stemmed,</b> heads larger and a little flatter than the “Solid Emperor” and yields larger crops.....	25	70	2 60
<b>Succession.</b> One of the best medium early kinds. Large flat heads.....	25	70	2 50
<b>All Seasons.</b> Large flat heads. A popular variety for fall use.....	25	80	3 00
<b>Surehead.</b> Large deep heads, solid and compact.....	25	70	2 50
<b>EXCELSIOR LARGE FLAT DUTCH.</b> A very fine strain of Flat Dutch Cabbage.....	25	70	2 50
<b>Premium Flat Dutch.</b> The old standard Flat Dutch. A first-class, large, late cabbage..	20	60	2 25
<b>Fottler’s Drumhead.</b> Heads large and flat.....	20	60	2 25
<b>Winningsstadt.</b> Pointed heads of medium size, hard and solid. Every plant heads.....	25	70	2 50
<b>Mammoth Rock Red.</b> The best red variety, heads of good size, deep red and very solid.	20	65	2 50
<b>HOLLAND EXPORT.</b> A very fine, new, red cabbage. See description page 7. Pkt. 10c	25	75	2 75
<b>SAVOY CABBAGE, Perfection Drumhead.</b> The best Savoy Cabbage, large and firm and of finest quality for table use. Everyone who appreciates good cabbage should raise some Savoys for their own use.....	20	60	2 25

Deduct 10c. per lb. if the seed is to be sent by express, not prepaid. If ordered at above prices the seed will be sent prepaid by mail or express.

**Cabbage and Cauliflower Plants.** We can furnish Cabbage and Cauliflower Plants of the most prominent varieties in this list at lowest prices. Plants ready from the middle of April to middle of July. See price list at back of this catalogue.

## Chicory

There are two distinct kinds of Chicory. The large rooted variety is used as a substitute for coffee, the root being dried and ground, while the variety called “Whitloof” is used for salad. Both are easily raised from seed sown in the spring in the open ground.

**Whitloof** or **“French Endive.”** Seed sown in May or June produces roots which when taken up and placed in sand in a warm, dark place throw out tender white sprouts which are used as a salad. These sprouts are often called “French Endive.” Pkt. 5c; oz. 15c; ¼ lb. 40c; lb. \$1.50, postpaid.

## Collards

Collards or Coleworts are extensively grown in the southern states, where they furnish green food for the table or for stock all through the winter as well as other seasons. The seed is sown at different times from the last of May until the first of August.

**Georgia Collards,** The best variety. Pkt. 5c; oz. 12c; ¼ lb. 35c; lb. \$1.10.



# Carrots

One ounce of seed will sow 150 feet of row. It requires 4 to 6 pounds of seed to sow an acre, depending upon the distance between the rows.

Carrots can be sown from early spring to the middle of summer. The earlier they are sown the larger the crop as a rule, but late sowings often produce nice carrots for bunching in the fall.

**Carrots for Feeding.** Carrots are of very high value for feeding cows, horses and sheep and as very large crops can be grown on a small piece of ground it pays remarkably well to raise at least a small plot of them every year. They are of great benefit to cows and horses in the fall and winter. One of the best varieties for this purpose is Danvers Half Long. It is more easily harvested than the longer carrots and yields very nearly as many bushels per acre and on some soils it yields more than a larger variety. A larger yield can be obtained by sowing Mastodon or White Vosges. The carrots however are white and some people prefer the yellow kinds.



Oxheart      Harris' Half Long      Danvers  
(From a Photograph)

## Harris' Perfected Half Long

This is a very fine strain which produces carrots of uniform shape, smooth skin, without wrinkles or small roots and of deep orange color. The shape of the root as shown in the photograph reproduced here is that most desirable for market, being nearly the same size the whole length. The quality is very fine for table use, the roots being without cores, fine grained and sweet. The roots grow about six inches long, and are so smooth and handsome that they always bring the highest price on the market. There is no finer strain of carrot than this. If the seed is not sown too thick the carrots need not be thinned out, but can be left as they come up, and they will crowd out each side of the row and produce enormous yields on loose, rich soil. **Pkt. 5c; oz. 12c; ¼ lb. 30c; lb. \$1.10**, postpaid. By express, \$1.00 per lb.

**Chantenay.** This popular carrot is much like Harris' Half Long and is used for the same purposes. We have some very fine French grown seed that will be found equal to any obtainable. *Price same as Harris' Half Long.*

**Danvers Half Long.** The roots taper a little more at the bottom than Harris'

Half Long and grow about two inches longer, or about eight inches in length. They are of fine grain and of excellent quality, and yield very large crops. This variety is very valuable for stock feeding as well as for market. Our strain of this carrot will be found very fine, far superior to that usually sold. **Pkt. 5c; oz. 10c; ¼ lb. 30c; lb. \$1.00**, postpaid. By express, 90c; per lb. 5 lbs. or more at 85c; per lb.

**OXHEART, or GUERANDE.** A short, thick carrot, often nearly as large around as it is long. Excellent for table use or bunching for the market. Matures early. Can be easily pulled by hand and will yield nearly as much as the longer

varieties. **Pkt. 5c; oz. 12c; ¼ lb. 35c; lb. \$1.25**, postpaid. By express, \$1.15 per lb.

**Long Orange.** We have a fine strain of this variety; roots long but not too tapering, smooth and straight. An immense yielder **Pkt. 5c; oz. 10c; ¼ lb. 30c; lb. \$1.00**, postpaid. By express, 90c. per lb.

**Early French Short Horn.** The earliest and best carrot for forcing. Our seed is of the finest strain for hothouse forcing. **Pkt. 5c; oz. 15c; ¼ lb. 45c; lb. \$1.60**, postpaid.

**MASTODON, or White Vosges.** A large white carrot for stock. The roots grow very large, but being thick and not too long, they can be easily pulled. We think this variety will yield more good, nutritious carrots per acre than any other carrot. **Pkt. 5c; oz. 10c; ¼ lb. 30c; lb. \$1.00**, postpaid. By express, 90c; per lb.

# Celery

One ounce of seed will produce about 4,000 plants.

Celery is easily raised. The trouble most unskilled gardeners experience is in raising the plants. The seed must be sown very early in the spring, as soon as the ground is free from frost. We give full directions for culture with every order for seed if requested. *We sell plants ready in June and July at low prices. See prices next page.*

**Varieties.** For fall and early winter use **Golden Self-Blanching** is the best variety for market or home use, excepting for the latter purpose, **Golden Rose** is of a slightly better quality, and keeps longer, but has a red tinge which might not be liked in some markets. Both have a fine nutty flavor, and are easily blanched. **White Plume** is handsome to look at, but not of very good quality, and must be used early as it does not keep very well.

For keeping in the Winter, **French's Success** is one of the very best kinds. It will keep longer than any kind we know of, and is crisp and tender. **Columbia** blanches quicker and can be used earlier in the winter and is of fine quality, but does not keep as long as French's Success. The **New Winter Reliance** blanches more easily than French's Success and is valuable for early winter use, to follow closely after the Self-Blanching. **Giant Pascal** is also good, and has very broad, thick stalks, and keeps well. **New Rose** is excellent for home use, and where a celery of fine quality is appreciated. The stalks are of medium size, tinged with red, and very crisp, and of fine flavor.

NOTE.—The crop of **Golden Self-Blanching Celery** seed in France where the best seed is raised was almost a complete failure the past two years and there is consequently not half enough of the seed in existence to supply the usual requirement.

<b>Celery—Price by mail, postpaid</b>		Pkt.	Oz.	¼ lb.	Lb.
<b>GOLDEN SELF-BLANCHING, or Paris Golden.</b> A very fine "gilt-edged" strain.	\$0 15	\$2 00	\$ —	\$ —	
<b>GOLDEN SELF-BLANCHING.</b> Seed grown in California by a very reliable grower	10	70	2 00	7 50	
<b>GOLDEN ROSE, or Rose Ribbed Paris Golden.</b> Like Golden Self-Blanching except that the stalks are tinged with red and are of superior flavor and keep better and are very handsome on the table.....	10	30	85	3 00	
<b>COLUMBIA.</b> Resembles Golden Self-Blanching, but keeps better and requires more time to blanch. <i>See page 9</i> .....	10	40	1 10	4 25	
<b>FRENCH'S SUCCESS.</b> The best keeper. <i>See page 9</i> .....	10	35	1 00	3 50	
<b>WINTER RELIANCE.</b> New. Fine for winter market.....	10	40	1 20	4 50	
<b>White Plume.</b> Blanches very easily. We have a very fine, pure strain which is far superior to that usually sold.....	5	25	75	2 75	
<b>GIANT PASCAL.</b> Broad thick stalks of good quality, a good variety for winter market.....	5	18	50	1 90	
<b>New Rose.</b> A red celery of the finest quality, and therefore superior to other winter varieties for home use. The stalks are of medium size, solid, crisp and of a nutty flavor.....	5	20	65	2 50	
<b>Golden Heart.</b> (Dwarf.) A good kind for winter use. Popular in market.....	5	20	55	2 00	
<b>Boston Market.</b> Large branching stalks.....	5	20	55	2 00	
<b>CELERIAC, or Turnip-Rooted Celery.</b> The bulbous roots are used instead of the stalks. <b>Large Smooth Prague,</b> the best variety.....	5	18	50	1 75	

Deduct 2c from ¼ lb. and 10c from lb. price, if seed is to be sent by express not prepaid.

**Celery Plants.** We raise large quantities of celery plants, and can furnish strong, stocky plants for less money than it costs to raise them on a small scale. Plants will be ready from June 1st to August 1st. Orders booked at any time, and plants sent when ready.

**PRICE OF CELERY PLANTS.** Early transplanted plants ready June 1st. Golden Self-Blanching and White Plume. Postpaid, **85c per 100.** By express **65c per 100; \$5.00 per 1,000.**

**Field Grown.** Strong, stocky plants of all varieties listed in this catalogue *ready last of June.* Postpaid **60c per 100.** By express, **40c per 100; \$2.50 per 1,000.** Write for prices on larger lots.

## Pop Corn

Cultivate the same as other corn. In growing it on a large scale we plant it in hills 3 feet apart and 4 plants in a hill. It is a profitable crop. Great care should be taken to dry the ears thoroughly as the corn does not pop well unless well matured and thoroughly dry.

**White Rice.** The ears are 6 to 7 inches long and the kernels are pure white and of large size. Yields well and produces a fine quality of pop corn. Decidedly the best variety to raise on a large scale for market, as it yields best and commands the highest prices. Our strain is very fine. **Pkt. 5c; ½ pt. 12c; pt. 20c; qt. 35c,** postpaid. By express, **qt. 25c; 4 qts. 65c; peck \$1.20.**

**BLACK DIAMOND.** If you want big, white, tender pop corn of the highest quality raise some of this new Black Diamond. The quality of the corn is far superior to the white kinds, and when popped the black color of the shell of the kernels does not show to any extent as the corn is snow white inside. Unlike other kinds of pop corn this variety does not have to be held six months or more before it will pop. If well matured and dried the Black Diamond will pop perfectly a month after harvesting. The ears are of good length and the kernels are round and smooth and the stalks are very prolific. *Price same as White Rice.*

## Cress.

**EXTRA FINE CURLED** (also called "Peppergrass"). Leaves finely cut and curled, very handsome and of a pleasant, pungent flavor. Used largely in salads. **Pkt. 5c; oz. 8c; ¼ lb. 15c; lb. 40c.**

**WATER CRESS.** This plant is now used very extensively for garnishing and for salads. It can easily be grown on the banks of any small stream or on land that can be flooded with running water. It succeeds best on streams fed by springs that do not dry up in the summer. The seed should be scattered on the muddy bank early in the spring. Water Cress can also be grown in greenhouses for winter use and is a profitable crop.

**Improved Broad-leaved Water Cress.** Larger and better than the common variety. **Pkt. 10c; oz. 40c; ¼ lb. \$1.10.**

## Corn Salad or Fetticus.

Used for "greens" like spinach. Can be sown in the spring and fall. If given a little protection it will last a long time in the winter.

**Large Round-leaved.** The best variety. **Pkt. 5c; oz. 10c; ¼ lb. 20c; lb. 60c,** postpaid.



# Sweet Corn

One quart will plant 400 hills; 8 to 10 quarts will plant an acre.

## Good Sweet Corn Seed.

Our eastern grown Sweet Corn is far superior in sweetness and flavor to the same varieties raised from seed grown in the west where a large

part of the sweet corn seed sold by other seedsmen is grown. We take great pains in curing and drying our seed corn, and we are therefore able to offer seed of strong vitality and highest quality in every way. Our seed is *very carefully selected* and tested for germination, and the percentage that will grow is marked on each package, so you will run no risk of failure in planting it. It may cost a little more than others, but it is worth very much more.

## Notes on Varieties.

The earliest corn we have tried is **Early Dawn**, but the ears are

quite small, about 5 in. long. **Pocahontas** is but two or three days later, and has much larger ears and is of much finer quality. **Harris' Extra Early** is very early, has large ears and is of fine quality. **Mammoth White Cory** matures early and has ears 6 or 7 in. long, and produces two or three on a stalk, but the corn is not of as good quality as Pocahontas. **Golden Bantam** is a small, medium early kind, with yellow kernels; highly esteemed by many people. The new "**Buttercup**" is, in our opinion, of better quality than Golden Bantam, and has larger ears. It is the sweetest corn we know of. **Kendel's Early Giant** matures very early and has large ears and is very prolific. It is the earliest kind with ears so large, and on this account is valuable for market. **Mimms' Hybrid** has large ears and matures medium early and is of high quality. **Metropolitan** has large ears, and is medium early and of fine quality. It is valuable as a second early kind, to follow the small varieties that mature first.

Of the later kinds **Hickox Improved** matures earlier than **Evergreen**, and has large ears of fine quality. **Black Mexican** is quite early and of very fine quality, surpassing other kinds in sweetness and flavor, but the corn gets black when it is just ready to eat, and therefore does not look very well on the table. The two latest varieties are **Country Gentleman**, with small ears, having the kernels set irregularly on the cob, and of very fine quality, and **Egyptian** or **Washington Market**, with very large ears and corn that is sweet and good. **Burpee's White Evergreen** is a fine strain of the old **Stowell's Evergreen**, and is superior to it in size and shape of ear and in appearance, as the corn is very white.

## For Home Use.

We advise planting the following varieties which will give a constant succession of corn all through the season; Pocahontas, Mimms' Hybrid, Buttercup, Black Mexican and Country Gentleman or Egyptian.

**PRICE LIST OF SWEET CORN**—Large packets of any variety 6c., half pint 12c., (except where noted) by mail postpaid. Four quarts will be sent at half the price of a peck.

	Postpaid		By Express		
	Pint	Quart	Pint	Quart	Peck
<b>EARLY DAWN.</b> A new extra early corn, earlier than any other kind. See description page 10. Pkt. 10c; ½ pt. 15c.....	\$0 20	\$0 40	\$0 15	\$0 30	\$1 50
<b>POCAHONTAS.</b> (New.) Very early, large ears. Decidedly the best early corn for home use or market.....	25	45	20	35	1 65
<b>Harris' Extra Early.</b> One of the very best extra early varieties. Large ears and pure white kernels of fine quality.....	20	35	15	25	1 40
<b>Early Cory.</b> Very early and hardy—red cob.....	20	35	15	25	1 25
<b>Mammoth White Cory.</b> Larger than Red Cory, and has pure white corn and is fully as early. Our strain of this variety is very fine, being much earlier than any other strain we have tried.....	18	30	15	25	1 25
<b>Golden Bantam.</b> Medium early, yellow kernels of fine quality. By many people considered the best flavored sweet corn.....	20	40	15	30	1 60
<b>BUTTERCUP.</b> (New.) The best flavored and sweetest corn we have ever eaten. See page 10. Pkt. 10c; ½ pt. 15c.....	28	50	20	35	1 75
<b>MIMMS' HYBRID.</b> A greatly improved strain of Perry's Hybrid, having pure white corn and large ears. See page 10. Pkt. 10c; ½ pt. 15c.....	25	45	20	35	1 65
<b>KENDEL'S EARLY GIANT.</b> The earliest corn having ears so large. Very profitable for market. Ears 8 to 10 inches long, 12 to 14 rows. Matures soon after the extra early kinds and brings good prices in market.....	20	35	15	25	1 25
<b>METROPOLITAN.</b> One of the best medium early kinds. Ears 8 to 9 inches long, 10 to 12 rows of snow white kernels of fine quality.....	20	35	15	25	1 25
<b>Crosby's Early.</b> A fine early corn, 10 to 12 rowed, ears of good size and corn is of best quality.....	20	35	15	25	1 20
<b>Potter's Excelsior, or Squantum.</b> Medium to late, large ears and the quality is of the very best.....	20	35	15	25	1 20
<b>HICKOX IMPROVED.</b> Very large, 10 to 12 rowed ears, often nearly a foot long. Matures a little earlier than Evergreen, and of finer quality.....	20	35	15	25	1 20
<b>Black Mexican.</b> No corn, except "Buttercup," is quite equal to this in quality. Matures medium early, kernels black when ripe.....	20	35	15	25	1 20
<b>Country Gentleman.</b> Late, very prolific, often 3 ears on a stalk, kernels irregular on cob, quality very fine.....	20	35	15	25	1 25
<b>Stowell's Evergreen.</b> We have a fine strain of this corn. Bushel \$3.50.....	18	30	12	20	1 00
<b>BURPEE'S WHITE EVERGREEN.</b> An improved strain of Stowell's Evergreen with large, snowwhite kernels, larger and handsomer ears and much more prolific than the old kind. This is the best strain of Evergreen we have seen and our eastern grown seed is exceptionally fine. Bushel \$3.75..	20	35	12	20	1 10
<b>EARLY MAMMOTH.</b> Not an early variety but a little earlier than late Mammoth, which is a very large late kind. Ears of immense size, much larger than Evergreen and corn is of very superior quality. A fine late variety for market and home use.....	20	35	15	25	1 20
<b>Egyptian or Washington Market.</b> Very large ears, matures late and is of a fine quality. Profitable for market and very good for home use to prolong the season.....	20	35	15	25	1 25

# Cucumbers

One ounce of seed will plant about 80 hills or sow 50 feet of row. About 3 lbs. of seed per acre.

Seed is sown in this latitude the 15th of May for slicing and the 15th of July for pickles.

**About Varieties.** For slicing and to raise for market the different strains of White Spine are the most popular. Of these **Davis' Perfect** is one of the best, the fruit is long and very dark green. **Arlington** is of medium length, straight and smooth, and very early, while **Extra Long White Spine** is longer and a little later and produces a very fine, handsome fruit. The **Mimms'** cucumber is also a strain of White Spine and is the earliest of the long fruited kinds. **Emerald** is smooth, without any spines and very deep green, is straight and handsome and a little later than White Spine.

Of the varieties suitable to raise for pickles, **Chicago Pickling** and **Green Prolific** or **Boston Pickling** are the most prolific, and will produce the greatest number of pickles per acre, but the fruit is rather short and thick and therefore not as desirable as that of **Long Green**, **Perfect Jersey Pickle**, **Arlington White Spine** and **Cumberland**. These all produce long, straight pickles of best quality. The **Cumberland** is covered with very fine spines closely set all over the fruit, which gives it a distinct appearance. The pickles are of fine quality, being very crisp.



1. Perfect Jersey Pickle. 2. Long Green.  
3. Cumberland. 4. Chicago Pickling.

## Davis' Perfect Cucumber.

This new strain of White Spine Cucumber has been selected with great care, and the result is that it produces cucumbers of great uniformity, all being nearly exactly alike in shape, color and size. They are very handsome cucumbers, deep green in color, perfectly straight and about 8 to 10 inches long. The vines are very prolific and healthy.

It is one of the very best varieties for forcing as well as for the open ground. It is excellent for pickles as it produces a great abundance of nice, straight cucumbers of good color. The seed we offer is of a very carefully bred strain of this variety and produces uniform crops of handsome, straight, deep green cucumbers. It is far superior to most of the so-called Davis Perfect sold. See price list below.



Davis' Perfect Cucumber.

### CUCUMBERS. *Packets 5 cents, except where noted.*

<b>Earliest of All.</b> The best <i>extra early</i> variety.....	\$ 12		
<b>THE MIMMS.</b> (New.) A very fine early variety. See page 10. Pkt. 10c .....	25		
<b>DAVIS' PERFECT.</b> A new and improved strain of White Spine. The best for slicing or market.....	12	30	1 00
<b>Fordhook Famous.</b> A fine long cucumber of the White Spine class.....	12	25	90
<b>Coy's Early Cyclone.</b> A very early strain of White Spine, two weeks earlier than other kinds. Fruit short but of good quality.....	12	25	95
<b>Early White Spine.</b> The most popular cucumber. Early, productive and of fine quality for slicing and pickling. Fruit of medium length, bright green with white spines.....	12	25	90
<b>Arlington White Spine.</b> Differs from Early White Spine in having fruit more pointed at the ends and deeper green, one of the best for market and pickles.....	12	25	90
<b>Extra Long White Spine, or Evergreen.</b> A very fine strain with fruit 10 inches long, straight and handsome. The fruit retains its green color even when ripe. A little later than the other two strains of White Spine.....	12	30	95
<b>Cumberland.</b> Excellent for pickling or slicing. Fruit is long, slim and very solid.....	12	30	1 00
<b>EMERALD.</b> Long straight fruit that is perfectly smooth and very dark green. One of the very best kinds for slicing.....	12	30	1 00
<b>Cool and Crisp.</b> Fruit dark green and of a peculiar icy appearance and of fine quality ..	12	30	1 00
<b>Giant Pera.</b> Very long, straight, handsome fruit, late .....	15	35	1 25
<b>Japanese Climbing.</b> Vines of very vigorous growth and fruit of first-class quality. Resists blight better than any other kind .....	15	30	1 10
<b>Chicago Pickling.</b> Very prolific and one of the most popular kinds for pickles.....	12	25	90
<b>PERFECTED JERSEY PICKLE.</b> A fine strain of Long Green which is very prolific and especially adapted to raise for pickles. The young fruit is straight, slender and deep green. One of the best pickling cucumbers.....	12	25	90
<b>IMPROVED LONG GREEN.</b> Fruit long, straight and dark green. Excellent for pickling, slicing and market.....	12	25	95
<b>Everbearing.</b> Fruit short but produced in great abundance, starting very early and continuing late if kept picked.....	12	25	95
<b>Green Prolific, or Boston Pickling.</b> Bears very profusely and is excellent for pickles..	12	25	85
<b>Early Green Cluster.</b> Short fruit borne in clusters, good for pickles .....	12	25	90
<b>Early Russian.</b> Very early, short fruit of good quality.....	12	25	90
<b>West India Gherkin.</b> Short prickly fruit, used for pickling. Pkt. 10c.....	20	60	.....

Postpaid

Oz.	¼ lb.	Lb.
\$ 12	\$ 30	\$1 00
25	60	2 25
12	30	1 00
12	25	90
12	25	95
12	25	90
12	25	90
12	30	95
12	30	1 00
12	30	1 00
15	35	1 25
15	30	1 10
12	25	90
12	25	90
12	25	95
12	25	85
12	25	90
12	25	90
20	60	.....

Packets of any of the above varieties 5 cents, except where noted. Deduct 10c per lb. if the seed is to be sent by express.



## DANDELION.

The improved cultivated Dandelion is a valuable plant for "greens" early in the spring. The seed is sown early in the spring and the leaves will be ready to eat the following spring.

**Large Thick-Leaves.** The most desirable variety, with large thick leaves of excellent quality. **Pkt. 10c; oz. 45c; ¼ lb. \$1.20.**

## ENDIVE.

Endive is used for salad, especially in autumn and winter. It is easily grown. For fall and winter use the seed should not be sown till August.

**Moss Curled.** A beautiful variety, with very fine curled leaves. Blanches perfectly white in the center. **Pkt. 5c; oz. 15c; ¼ lb. 40c; lb. \$1.25.**

**BROAD-LEAVED BATAVIAN (Escarole).** Large thick leaves of good quality. **Pkt. 5c; oz. 15c; ¼ lb. 30c; lb. \$1.10.**

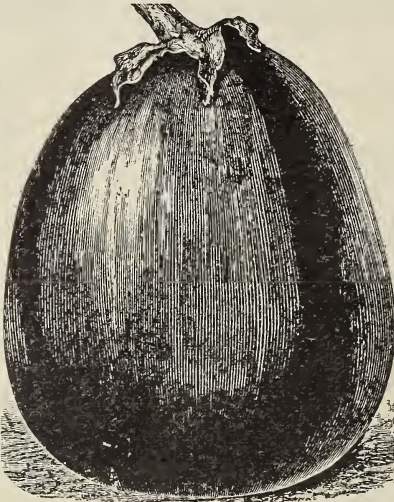
## EGG PLANT.

One ounce of seed will produce about 1,000 plants.

This is a delicious vegetable which should be in every garden. It is also a profitable market crop. It it cultivated like tomatoes.

### BLACK BEAUTY.

This is a very handsome, early and prolific variety of recent introduction. It is a decided improvement over the New York Improved. While the fruit is as large as that variety it matures earlier, is of a deeper and richer color. The plants are of robust growth and are very prolific. Being earlier than the New York Improved much larger crops are produced before frost. The strain of this variety we offer is very fine and produces large, handsome fruit.



Black Beauty Egg Plant.

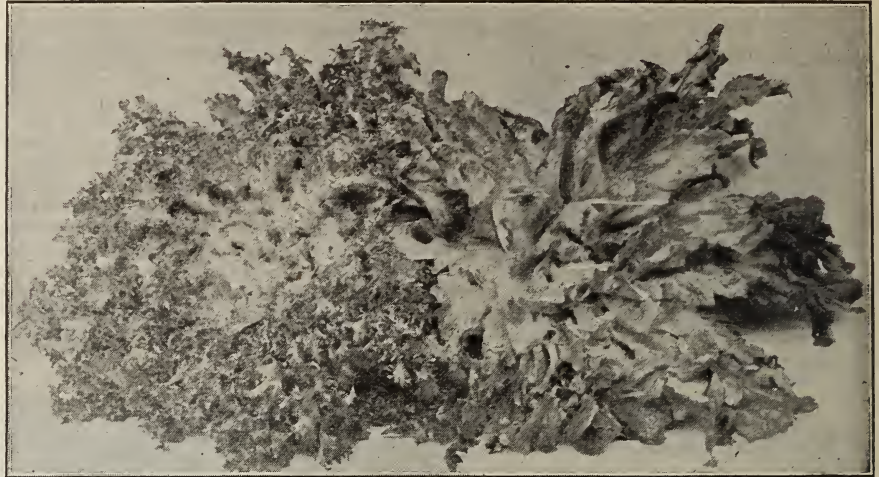
**Pkt. 10c; oz. 40c; ¼ lb. \$1.10; lb. \$4.00.**

**Extra Early Dwarf Purple.** A valuable variety. Not large but very early and prolific. Being harder and earlier than the larger kinds it is valuable for northern latitudes where the seasons are short. **Pkt. 5c; oz. 25c; ¼ lb. 90c.**

**NEW YORK IMPROVED (Thornless).** This is a superb strain of this well-known and popular variety. The fruit grows to the largest size and is of perfect shape and deep purple color. The plants are prolific and of tall, upright growth. Market gardeners will find this the finest strain of New York Improved egg plant grown. **Pkt. 10c; oz. 40c; ¼ lb. \$1.10; lb. \$4.00.**

## GOURDS.

See Flower Seed Department.



Endive—Moss Curled.

Broad-Leaved Batavian.

## HORSE RADISH.

Horse Radish is easily grown from sets—small lengths of roots. These sets, if planted in the spring in good, rich soil, will form large roots by fall. The sets should be planted with the small end down and the upper portion two inches below the surface.

**Sets.** Postpaid by mail, **25c. per dozen; 85c. per 100.** By express, **50c. per 100; \$4.00 per 1,000.**

**New Bohemian Horse Radish.** A much superior variety to the common kind. See description, page 11. **Sets by mail 40c. per dozen; 50 for 85c.** By express, **50 for 50c; 100 for 85c; \$6.00 for 1,000.**

## KALE or Borecole.



Dwarf Curled Green Kale.

Kale is used as "greens" during the winter, and is a most welcome dish when other vegetables are gone. The young and tender shoots that come out on the stalks are delicate and delicious when cooked. They are better after a few frosts in the fall. With a little protection or when the snow is deep, Kale will stand the winter without injury. It is grown the same way as cabbage, but for winter use the seed may be sown as late as July.

**Dwarf Curled Green.** The best dwarf variety. The leaves are finely curled and of excellent quality. **Pkt. 5c; oz. 12c; ¼ lb. 30c; lb. 90c.**

**Tall Green Scotch Curled.** The most popular variety. The plant grows three feet tall and produces an abundance of sprouts the whole length of the tall stem and they are of the finest quality. **Pkt. 5c; oz. 10c; ¼ lb. 25c; lb. 85c.**

## KOHL RABI.

One ounce of seed will sow about 300 feet of row. Kohl Rabi produces a large bulb on the stem which is used as a vegetable and also for stock feeding. When used while young the bulb when cooked resembles a fine quality of turnip, but somewhat different in flavor. The seed should be sown in June in rows about two feet apart, and the plants thinned to a foot apart in the rows.

**Large Green.** This variety is usually grown for stock. It is also good for the table when young. **Pkt. 5c; oz. 12c; ¼ lb. 30c; lb. \$1.10.**

**Early White Vienna.** The best variety for the table. When the bulbs are of the size of a large apple they are ready to use. The flavor of the bulb when cooked is intermediate between a cabbage and a turnip, and makes an excellent vegetable. **Pkt. 5c; oz. 15c; ¼ lb. 40c; lb. \$1.30.**



# Lettuce

One ounce of seed will sow 250 feet of row.

**ABOUT VARIETIES.** There are two distinct classes of Lettuce. One class forms heads like cabbage, while the other merely produces loose leaves. Where lettuce is grown in the open ground and allowed to remain thick in the row, as is too often the case, the loose-leaved varieties are the best. The best loose-leaved or curly varieties are **Black Seeded Simpson, Grand Rapids and Tomhannock.** When really fine lettuce is desired, and where one is willing to take some pains in raising it, the head or cabbage varieties are much the best. For forcing in the hothouse or hotbed, **Improved Keene, Boston Market, Big Boston and Golden Queen** are the quickest to form heads, and are usually used for this purpose. For sowing in frames and transplanting to the open ground in the spring, the best varieties are **Wayahead, Holyrood Hot-weather, Deacon, Iceberg, Salamander and Wonderful.** These are also excellent head varieties for sowing in the open ground early in the spring and in the late summer and fall. For fall use, seed should be sown in this latitude about the middle of August. Loose-leaved lettuce is also sown in the summer and fall, the same as the head varieties.



**Big Boston**

good solid heads ten days before other kinds in the open ground it is a most valuable kind for either market or the home garden. Also excellent for forcing in greenhouse or hot beds. **Pkt. 5c; oz. 15c; ¼ lb. 35c; lb. \$1.20.**

**Big Boston.** Forms large compact heads and is one of the most popular varieties for forcing and open ground. It is very largely grown in open ground in the fall for market. It is not so good for spring sowing. Our strain of this variety is excellent, producing uniform, compact heads and stands well without running to seed. **Pkt. 5c; oz. 15c; ¼ lb. 40c; lb. \$1.25.**

**Salamander.** One of the best varieties for summer use as it resists hot sun better than most other kinds. It forms large compact heads of a light green color and of fine quality. We have a fine strain of this popular lettuce which we can recommend to gardeners who want a large heading variety for market. **Pkt. 5c; oz. 15c; ¼ lb. 35c; lb. \$1.25.**

**Iceberg.** One of the very best heading varieties. Forms large compact heads of very fine quality. Heads early and stands without running to seed a long time. The leaves are finely cut and curled, and of an attractive light green, while the center of the head is pure white and remarkably crisp and tender. It is certainly one of the best kinds. We have a very fine strain that heads uniformly solid and compact. **Pkt. 5c; oz. 15c; ¼ lb. 35c; lb. \$1.25.**

*Additional varieties on next page.*



**May King Lettuce**

**Wayahead.** A grand new early variety. See page 11. **Pkt. 10c; oz. 20c; ¼ lb. 40c; lb. \$1.50.**

**Deacon Lettuce.** We are the original introducers of this magnificent Lettuce which has gained for itself great popularity. It is one of the finest of the large heading varieties. The leaves are smooth, thick and tender, and inside the heads are nearly perfectly white and of the finest quality, being crisp, tender and fine flavored and without bitterness or coarseness.

It is important that this lettuce should have plenty of room to grow. Thin out the plants to 10 or 12 inches apart in the rows and you will have magnificent heads.

This variety has also recently come into favor for raising in greenhouses and frames, as it makes magnificent large heads of finest quality. **Pkt. 5c; oz. 15c; ¼ lb. 35c; lb. \$1.20.**

**May King.** A very early head variety for the open ground. The heads form very quickly, and are firm and of fine quality. The plant is small and practically all heads, the leaves are light green, slightly tinged with brown on the edges, and are very crisp and tender, and a beautiful light yellow color inside the head. As this lettuce will produce

## Cos, or Romaine Lettuce

**Trianon.** Self-folding. This improved Cos lettuce makes a compact, upright growth, and magnificent large heads that blanch perfectly white inside. When well grown on moist land this lettuce is of the finest quality. The mid-rib of the leaves is large, crisp and much resembles celery. This is the best variety of this class. **Pkt. 5c; oz. 15c; ¼ lb. 35c; lb. \$1.25.**

**ECLIPSE COS.** Earlier and smaller than the Trianon Cos and more compact. **Pkt. 10c; oz. 35c.**



**LETTUCE.** *Packets of any of the following varieties 5c (except where noted.)*

**HOLYROOD HOT-WEATHER.** A very fine new head lettuce. See page 11. Pkt. 10c..  
**IMPROVED KEENE.** One of the best for forcing. Pkt. 10c.....  
**Boston Market, or White Seeded Tennis Ball.** An early head lettuce for forcing....  
**GRAND RAPIDS.** Of upright growth, curly leaves. The most popular curly lettuce for forcing.....  
**Golden Queen.** Compact heads of an attractive yellow tinge. Popular for forcing.....  
**WONDERFUL.** The largest head lettuce, heads nearly as large as a small cabbage and very firm; blanches perfectly white in the center.....  
**Denver Market.** A head lettuce with curled leaves.....  
**Hanson.** Large compact heads.....  
**Tomhannock.** Very large loose heads tinged with brown and curled at the edges.....  
**BLACK SEEDED SIMPSON.** Forms a large bunch of curly leaves which are very tender, especially if used while young.....  
**Early Curled Simpson.** Like the above, but smaller and earlier.....

			Postpaid		
Oz.	¼ lb.	Lb.	Oz.	¼ lb.	Lb.
\$0 25	\$0 65	\$2 25	20	60	2 00
12	35	1 20	15	35	1 20
12	30	1 10	12	30	1 10
15	35	1 20	12	30	1 10
12	30	1 10	12	30	1 00
15	35	1 20	15	35	1 20
12	30	1 10	12	30	1 10

Deduct 10c. per lb. if seed is sent by express.

**LEEK**

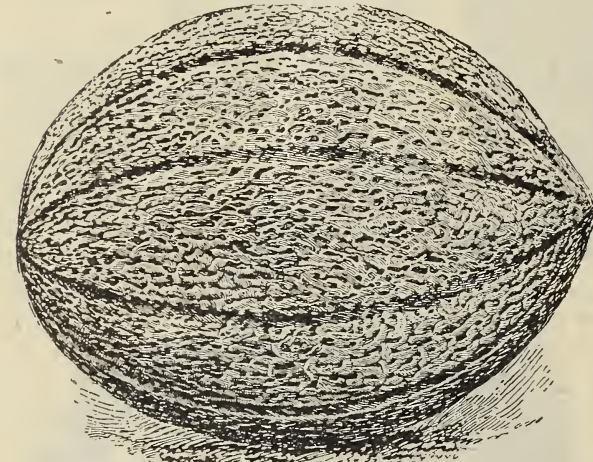
One ounce of seed will sow 150 feet of row.

Leek is a kind of onion that does not form any bulb, but grows in a long stem, which is blanched by drawing earth around it. When blanched in this way it makes an appetizing salad, or is eaten like green onions. Seed is sown in the spring and the leek is ready to use in the fall.

**Large American Flag.** The most popular variety; grows to a good size, and is straight and uniform and is of the best quality. Pkt. 5c; oz. 10c; ¼ lb. 30c; lb. \$1 10.

**Musk Melons**

One ounce of seed will plant about 50 hills; 2 or 3 pounds will plant an acre.



Admiral Togo Musk Melon

**Paul Rose.** Fruit of medium size and netted, resembles the Rocky Ford or Netted Gem in appearance but has deep orange colored flesh like the Osage. In fact this melon is a cross between the Netted Gem and Osage and is two weeks earlier than Osage; somewhat smaller and of even finer quality. The melons average about 1½ lbs. each and are well netted, very firm, with thick firm flesh that stands up well when shipped. Pkt. 5c; oz. 12c; ¼ lb. 30c; lb. \$1.10. postpaid.

It is much easier to raise melons than is usually supposed, and they are so delicious a fruit that it seems strange to us that every one who has any garden at all does not raise them. All that is required is a good, rich, well manured soil, that is not too heavy, and a warm sunny situation. Our pamphlet "Cultivation of Vegetables," tells about raising musk melons. It will be sent with any order for seed if requested.

To tell when a melon is ripe, hold the melon off the ground by the stem, if it drops off it is ripe, if not, don't pick it.

**Admiral Togo.** Although not a large melon this is a fine one on account of its delicious flavor and great productiveness. The flesh is of a deep orange yellow and very sweet and of a delicious sprightly flavor, quite distinct from other yellow fleshed kinds. The melons ripen early, and are produced so profusely that they nearly cover the ground among the vines. They are oblong and thickly netted, and weigh about two pounds each. When a medium size early melon is wanted we highly recommend the Admiral Togo. Pkt. 5c; oz. 12c; ¼ lb. 30c; lb. \$1.10.

**Lewis' Perfection.** A very large yellow flesh musk melon of high quality. Our crop of seed failed the past season and we have none to offer now.

**Hoodoo.** A new variety especially adapted for shipping. It is a small netted melon, about the size of Rocky Ford, but more round in shape. It has yellow flesh that is firm, very sweet and high flavored. The melons are very firm and stand handling well. Pkt. 5c; oz. 15c; ¼ lb. 40c; lb. \$1.25.

**Musk Melon—The Grand.**

This melon originated on the farm of a large grower of melons for shipping to Chicago and other markets. It is about the shape and style of Osage or Miller's Cream, but is of a light green color, and slightly smaller than that variety. It is a week or ten days earlier than Osage and is in our opinion, of superior flavor to that variety. The flesh is deep orange in color, very thick with small seed cavity. The flavor is delicious.

This melon is of a size just suited to the market demands in many cities and is a very profitable variety to raise where the market demands this style of melon. The vines are healthy and very productive. The melons have a hard thin rind and will stand up well when shipped long distances.

This melon is also one of the very best for the home garden, where a medium early melon of high quality is desired.

Price. Pkt. 5c; oz. 15c; ¼ lb. 40c; lb. \$1.50.

**Long Island Beauty.** A large green flesh melon. The fruit is flattened at the ends, ribbed and closely netted and is very handsome. Not quite so sweet, but is more sprightly and agreeable in flavor than most of the yellow flesh varieties. Ripens early and is one of the best large green flesh melons. Pkt. 5c; oz. 15c; ¼ lb. 40c; lb. \$1.25.





**Miller's Cream or Osage.**

We consider this one of the best melons for

home use and also for market where it is known. The fruit grows to a large size, is oblong in shape and dark green with slight netting. The flesh is deep orange color, very thick, deliciously sweet and high flavored. The melons are uniformly of high quality, which cannot be said of many other varieties. While not a very early kind, yet the fruit will ripen perfectly in this latitude, and the vines are quite prolific. We highly recommend this variety to all who want good size melons of very fine quality. **Pkt. 5c; oz. 15c; ¼ lb. 40c; lb. \$1.50.**

**Osage, Perfected Strain.** This seed was saved from a remarkably fine strain of this variety that has been perfected by selection for many years by a careful melon grower. See page 13. **Pkt. 10c; oz. 25c; ¼ lb. 70c; lb. \$2.50.**

**Rocky Ford, Burrell's Thoroughbred or Rust Resistant.** This strain of Rocky Ford Melon has

been produced by great care in the selection of the fruit for seed, the result is that the melons run more even in size and shape, are more closely netted and are of finer flavor than the ordinary strain.

We are now able to offer a special strain of the variety that is rust resistant to a remarkable extent. The vines of this strain remains green and healthy while others in the same field are killed by rust. Those who are troubled with melon vines rusting or dying down should try this variety. **Pkt. 10c; oz. 18c; ¼ lb. 35c; lb. \$1.25.**



Burrell's Thoroughbred Rocky Ford Musk Melon.

This is the variety which has made Rocky Ford, Colorado, so famous for good melons. It is a fine strain of Netted Gem. The fruit is oval

**Rocky Ford.** This is the variety which has made Rocky Ford, Colorado, so famous for good melons. It is a fine strain of Netted Gem. The fruit is oval

in shape and covered with fine netting. The fruit is of medium size and very uniform. The flesh is very sweet, yet has the peculiar sprightly flavor so much desired in a musk melon. It is medium early and prolific. Although the melons are rather small there are so many of them on a vine that they yield as much as larger kinds. We have some pure seed of the genuine Rocky Ford strain. **Pkt. 5c; oz. 12c; ¼ lb. 25c; lb. 90c.**

**Emerald Gem.** The earliest and finest flavored Musk Melon. There are few varieties equal to

this for home use. While the fruit is not large, it ripens very early and each vine produces a large number of melons. The flesh is orange or salmon colored, thick, sweet, and of delicious flavor. There is no melon of finer flavor. The Emerald Gem can be relied on to produce a good crop of fruit even in unfavorable seasons when other larger and later kinds would fail to ripen.

Extra selected seed of our own growing. **Pkt. 10c; oz. 25c; ¼ lb. 70c; lb. \$2.50.**

**Irondequoit.** Nearly round, flattened at the ends and netted. Flesh orange yellow, thick, sweet and of fine flavor. Quite early and grows to a good size. Very popular in market and fine for the home garden. See page 12. **Pkt. 10c; oz. 25c; ¼ lb. 70c; lb. \$2.50.**

**HACKENSACK.** The most popular green-flesh melon for market round, ribbed, and thickly netted; handsome and of fine flavor. **Pkt. 5c; oz. 12c; ¼ lb. 30c; lb. \$1.10.**

**New Early Hackensack.** An early strain of the well known Hackensack. One of the best green fleshed melons for home use or market. **Pkt. 5c; oz. 12c; ¼ lb. 30c; lb. \$1.00.**

**FINE GREEN NUTMEG.** An old favorite. Round, thickly netted fruit. **Pkt. 5c; oz. 12c; ¼ lb. 25c; lb. 90c.**

**NETTED GEM.** One of the earliest melons. Fruit of medium size, oval and thickly netted; green flesh, sweet and high flavored. Vines very prolific. A very satisfactory variety for inexperienced growers. **Pkt. 5c; oz. 12c; ¼ lb. 25c; lb. 95c.**

**WHITE JAPANESE.** A remarkably high flavored melon. So strong is the flavor, in fact, that it is objected to by some on this account, but by others considered delicious. Fruit round, cream colored, with orange-colored flesh. Our stock of this variety is exceptionally fine. **Pkt. 5c; oz. 12c; ¼ lb. 30c; lb. \$1.10.**

## Water Melons

One ounce of seed will sow about 25 hills; three pounds will plant an acre.

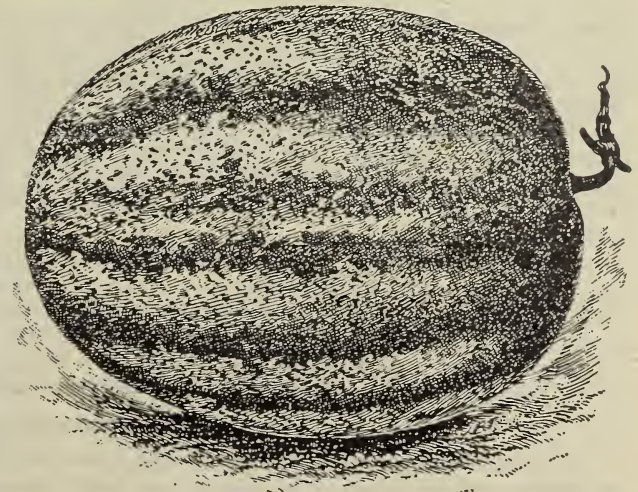
Any one who has light sandy soil can raise good water melons. Directions for culture will be sent with seed if requested.

**Harris' Earliest.** This melon is not only very early but it is also of fine quality,

being sweet and delicious and it grows to a large size. The melons are oblong and marbled with light and dark green. The flesh is bright red, fine grained and very sweet. The fruit ripens extremely early and is therefore very desirable for planting in the north. **Pkt. 5c; oz. 15c; ¼ lb. 30c; lb. \$1.00.** By express, 90c. per lb.

**FORDHOOK EARLY.** One of the earliest varieties, and has good large fruit of very fair quality, but not quite as sweet as some of the later kinds. There is no other kind except Harris' Earliest that ripens so early and produces such large melons. The fruit is oval in shape and grows to a large size. The flesh is bright red, sweet and of good flavor. **Pkt. 5c; oz. 12c; ¼ lb. 25c; lb. 95c.**

**Halbert Honey.** Medium early melon, and can be successfully raised in some of the northern states. The melons are quite long with blunt ends. The color is deep green. The rind is very thin, the rich, deep red, sugary flesh extending within an inch of the outside shell. The rind is rather thin for a good shipping melon, but for home use or near-by market this is a most superb variety. All who want really delicious, high flavored watermelons should plant the Halbert Honey. Our seed is of the true Halbert strain, and we offer it at the following low prices. **Pkt. 5c; oz. 10c; ¼ lb. 25c; lb. 80c; postpaid.**



Water Melon. Harris' Earliest.

Deduct 10c. per lb. if seed is to be sent by express or freight, not prepaid.



**Tom Watson.** A long deep green melon with bright red flesh of high quality, resembles Kleckley Sweets but has a tougher rind and grows even larger than that variety. It is an excellent variety for shipping and has become very popular in the South within the last two or three years. The seed we offer is Northern grown and of a very fine strain. **Pkt. 5c; oz. 10c; ¼ lb. 25c; lb. 75c;** postpaid.

**Kleckley Sweets.** This melon has become famous for its high quality. There is nothing finer in the way of water melons than the delicious, sweet, high flavored flesh of the "Kleckley Sweets." The melons are long, dark green and with very solid, crisp, bright red flesh with white seeds. It grows to a large size and is always of a superb quality. It is medium early and can be successfully raised anywhere south of New York state. *Our Northern grown seed is much superior to seed grown in the South.* **Pkt. 5c; oz. 10c; ¼ lb. 20c; lb. 65c;** postpaid. By express, 55c per lb.

**KLECKLEY SWEETS. (Special Selected Strain.)** We are able this year to offer a small quantity of seed saved from the very largest and finest melons, which will produce larger and more uniform fruit than the ordinary strain of this variety. If you want this seed please mention "Selected Strain" on the order. **Pkt. 8c; oz. 12c; ¼ lb. 25c; lb. 95c;** postpaid. By express, 85c per lb.

Deduct 10c per lb. from postpaid price when seed is to be sent by express.

## MUSTARD for Salad.

**FORDHOOK FANCY.** A new and beautiful curled mustard that is not only very handsome, but is of very mild pleasant flavor. The leaves are curled and fringed, and the plant remains longer without running to seed than other kinds. This is certainly the finest variety for salads and garnishing. **Pkt. 5c; oz. 12c; ¼ lb. 25c; lb. 80c;** postpaid.

**Giant Southern Curled.** Grows nearly two feet high, and has finely curled leaves which are excellent for salad. Very popular in the winter and early spring. **Pkt. 5c; oz. 8c; ¼ lb. 20c; lb. 60c;** postpaid.

**White London.** Used while young for salad. The seed is used for flavoring pickles. **Pkt. 5c; oz. 8c; ¼ lb. 15c; lb. 35c;** postpaid.

One ounce of seed will sow  
about 150 feet of row

**Our Onion Seed** is all grown from carefully selected Onions, all inferior ones being rejected, and will therefore produce much even and better crops of Onions than the seed usually sold.

To get large crops of good, sound ripe onions of good color and small tops you must have the very best of seed. Cheap, carelessly grown seed will not give such crops, even if it is perfectly fresh and germinates well.

**Eastern Grown Seed.** In the judgment of most experienced onion growers eastern grown seed is superior to seed grown in California, where nine-tenths of the seed sold is now grown. California grown seed can be sold at a much lower price than eastern grown, but it does not produce as early and even a crop as seed produced here. It costs much more to raise onion seed in the east, but it is worth many times as much as that grown in California.

**Germination Tests.** It is quite important for an onion grower to know just what per cent of the seed will germinate, so that he can judge how thick to sow in order not to waste the seed or get the crop too thin. All the seed we sell is given thorough tests for germination, and the exact results from such tests are marked on each package of seed so that the purchaser can tell just what proportion of the seed is of good vitality. This ought to be worth a good deal to any grower. *We shall be glad to tell any onion grower just how our seed of any varieties he wishes germinates in our tests before he buys the seed.*

### SOW ONION SEED IN JULY

It is not generally known, but nevertheless a fact, that onions sown in July or first part of August will pass the winter without injury and produce nice bunching onions in the early spring—earlier than they can be obtained from sets and at far less cost. White Portugal or Silver Skin is the best variety for this purpose. Throw a little earth up to the rows in the fall and cover with course manure when the ground freezes.

**HUNGARIAN HONEY.** One of the very best early melons for home use. The melons not only ripen early, but are deliciously sweet, with firm, solid, deep red flesh and small seeds. The fruit is nearly round and medium to small size. Those who want an early melon of high quality should plant this variety. **Pkt. 5c; oz. 12c; ¼ lb. 30c; lb. \$1.00;** postpaid.

**ICE CREAM or PEERLESS. (White Seeded.)** Early, and of delicious flavor. Fruit oblong and light green. On account of its earliness and fine quality this is a very desirable melon for home use. **Pkt. 5c; oz. 10c; ¼ lb. 20c; lb. 70c;** postpaid.

**MOUNTAIN SWEET.** A large, medium early variety that has long been very popular. The melons are oblong in shape, deep green and have bright red flesh of good quality. **Pkt. 5c; oz. 8c; ¼ lb. 15c; lb. 50c;** postpaid.

**CITRON for Preserves.** This melon is used exclusively for making preserves. The rind is thick and clear white, and makes preserves of excellent quality. Cultivation similar to water melons. There are two varieties, one with red seed and the other with green. The green seeded variety is called Colorado Preserving, and is superior to the red seeded kind in size and productiveness. We therefore now only offer the green seeded variety. The fruit is round, striped and handsomely marbled. **Pkt. 5c; oz. 10c; ¼ lb. 20c; lb. 70c;** postpaid.

## OKRA or Gumbo.

Used for thickening and flavoring soup. The pods contain a large amount of gum, which imparts a thickness and softness as well as flavor to the soup. Directions for use can be found in any good cook book. The seed should be sown in the open ground when the ground is thoroughly warm. In this latitude about June first. The pods should be picked and dried while green.

**WHITE VELVET.** A distinct and valuable variety. The pods are large, round and smooth, and of excellent quality. **Pkt. 5c; oz. 10c; ¼ lb. 20c; lb. 60c;** postpaid.

**PERFECTED PERKINS' LONG POD.** This variety is now used almost exclusively by the soup canners, as the pods are of a deep green color and of fine quality and the plant is very prolific. The "Perfected" strain we offer is superior to the ordinary strain of this variety. **Pkt. 5c; oz. 10c; ¼ lb. 20c; lb. 60c;** postpaid.

## Onions.

It requires about six pounds  
of seed per acre.

**Onion Culture.** Onions are raised in two ways, from seed and from sets. Seed sown in early spring produces ripe onions in the fall, while sets set out at the same time make green "bunching" onions in a few weeks and dry ripe onions in July or earlier. Sets may be set out in the fall and will produce green onions much earlier than when set in the spring.

To raise good onions from seed the land must be rich and in fine condition. Sow the seed as early as possible in rows 14 in. apart. Weed as soon as the onions appear and keep well cultivated all through the season. Seed may also be sown in a hotbed or greenhouse in February or March and the onions transplanted to the open ground when warm enough. The finest onions are raised in this way.



Yellow Globe Danvers—Harris' Selected Strain.

**YELLOW GLOBE DANVERS, SELECTED STRAIN.** The Yellow Globe Danvers has long been the most popular Onion, and we have bred up a very fine strain of it, which for **uniformly fine shape** and color and **good keeping qualities** we think has few equals in this country. Before setting out the onions for seed they are carefully sorted, and all that have large "necks" or light color, or not of the right shape, are rejected. We often reject 25 bushels out of a hundred. This makes the seed cost a great deal more than when raised in the ordinary way, but is worth many times as much. **Pkt. 5c; oz. 20c; ¼ lb. 50c; lb. \$1.75, postpaid.** By express, **lb. \$1.65. 5 lbs. or more, \$1.55 per lb.**

**ROUND YELLOW DANVERS.** This strain produces bulbs that are flatter than the Globe Danvers, but otherwise similar to that variety. The onion matures a little earlier which makes this variety desirable where seasons are short. It is also used for raising onion sets. Our seed is first-class in every way and will produce nice, even, well matured onions of best quality. **Pkt. 5c; oz. 15c; ¼ lb. 40c; lb. \$1.25, postpaid.** By express, **\$1.15 per lb.**

**EARLY LARGE RED. (Flat.)** This is the earliest large red onion. The bulbs are large around and flattened, and are firm and of fine quality. This onion will yield large crops even where seasons are short and the soil not perfectly adapted to onions, as the bulbs mature very early. **Pkt. 5c; oz. 15c; ¼ lb. 40c; lb. \$1.45.** By express, **\$1.35 per lb.**

**Prizetaker.** This variety produces very large and handsome onions of good bright yellow color and mild flavor. Single bulbs grown under favorable conditions often weigh 3 to 4 pounds each, and heavier weights have been attained. The onions are globe-shaped and of very mild, pleasant flavor. While these onions can be grown by sowing the seed in the ordinary way in the open ground, yet the largest and finest specimens are obtained by sowing the seed in shallow boxes in February or March, and transplanting to the open ground as soon as the weather is warm enough. The Prizetaker requires two weeks longer to mature than Yellow Danvers. Our American grown seed is much superior to imported seed for use in this country. **Pkt. 5c; oz. 15c; ¼ lb. 40c; lb. \$1.45, postpaid.** By express, **\$1.35 per lb.**



**HARRIS' RED GLOBE (Southport Red Globe.)** This is a very fine *selected strain* of the well-known Southport Large Red Globe Onion, and is the finest red onion grown. The bulbs grow very large and of perfect globe shaped and of the darkest red color. The onions have small necks and are smooth and handsome. They keep better than any other variety and are of mild flavor. On good onion land this is the best and most profitable red onion grown. It is a little later than Red Weatherfield, but is a much handsomer and better onion. Our eastern-grown seed produces firmer and deeper colored onions than western-grown seed. **Pkt. 10c; oz. 30c; ¼ lb. 75c; lb. \$2.75**, postpaid. By express, **\$2.65 per lb.**

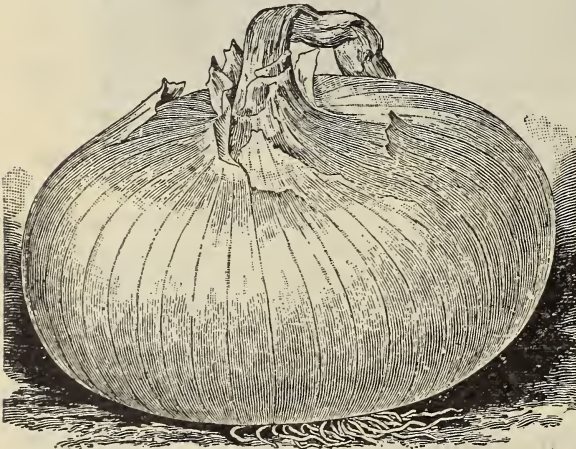
**SOUTHPORT YELLOW GLOBE.** A very handsome onion of perfect globe shape and good deep yellow color. A little later than the Danvers and requires higher culture. We have a first-class strain of this popular variety. Seed grown in Connecticut. **Pkt. 5c; oz. 20c; ¼ lb. 55c; lb. \$1.90.** By express, **\$1.80 per lb.**

**Southport White Globe.** The bulbs are of perfect globe shape, very firm and solid, perfectly white and of fine quality. In the hands of experienced growers this is a very profitable onion, as it always commands the highest price. Our seed is of the true Southport strain, and will be found all that can be desired and much superior to the western grown seed usually sold. **Pkt. 10c; oz. 25c; ¼ lb. 70c; lb. \$2.60**, postpaid. By express, **\$2.50 per lb.**

**Mammoth Silver King.** A very large pure white onion of fine quality, being of very mild pleasant flavor. It is the largest white onion we know of, often weighing 4 lbs. or more. It is a fine variety for the home garden or to raise for market on a small scale, but is not suitable for shipping or storing in winter as it does not keep well.

Gardeners have lately discovered that they can market these large, pure white onions while green in bunches and find it very profitable.

**Pkt. 5c; oz. 20c; ¼ lb. 60c; lb. \$2.00**, postpaid. By express, **\$1.90 per lb.**



Mammoth Silver King

**Australian Brown.** This is a variety possessing remarkable keeping qualities. These onions have been kept in perfect condition the year around. The onions are of medium size, somewhat flattened, and of a light reddish brown color. They mature very early, being two weeks earlier than Yellow Danvers. The bulbs are very firm and ripen up hard and smooth with very small necks. The flavor is mild and sweet. **Pkt. 5c; oz. 18c; ¼ lb. 40c; lb. \$1.40**, postpaid. By express, **\$1.30 per lb.**

**Early White Pearl.** A very early white onion that grows to a good size and is of very mild flavor. The onions are flat, about 2½ inches in diameter, and pure white. They mature very

early and as they attain a fair size, they are profitable for early fall market. They do not keep well and should be all marketed before late in the winter. This variety is of a mild, delicate flavor, and is a desirable kind for home use as well as market. **Pkt. 5c; oz. 20c; ¼ lb. 50c; lb. \$1.75**, postpaid. By express, **\$1.65 per lb.**

**RED WETHERSFIELD.** A very large, deep red onion, that matures early and succeeds well everywhere. The bulbs are flattened, very large around, solid and of fine quality. A good keeper. One of the best red onions for home use or market, where a globe-shaped onion is not required. Our seed is of an extra fine strain. **Pkt. 5c; oz. 15c; ¼ lb. 40c; lb. \$1.35**, postpaid. By express, **\$1.25 per lb.**

**WHITE PORTUGAL, or SILVER SKIN.** An early, flat white onion of large size and mild flavor. Excellent for family use or market, matures earlier than Yellow Danvers and keeps very well. Largely sown for sets. **Pkt. 5c; oz. 20c; ¼ lb. 55c; lb. \$2.00.** By express, **\$1.90 per lb.**

*NOTE.* This variety may be sown in July or August and left in the ground over winter and will make fine pure white bunching onions early in the spring at much less cost than sets and just as early.

**EXTRA EARLY BARLETTA.** This remarkable little onion is a wonder for rapidity of growth and early maturity and evenness in size and shape. It is the handsomest and most perfect white pickling onion grown. When sown thickly the onions grow to about the size of a cherry, perfectly round, pearly white and of very mild flavor. A most profitable onion to raise for market, as white pickling onions are always in demand and bring high prices. With this variety it is no trouble to get large yields of perfect little white onions of even size that bring the highest prices. The seed can be sown as late as July first and mature a crop before fall. **Pkt. 5c; oz. 18c; ¼ lb. 45c; lb. \$1.75**, postpaid. By express, **\$1.65 per lb.**



Early Barletta Onion.

## ONION SETS.

One quart will set 75 to 100 feet of row, depending upon the size of the sets.

Onion sets are used to produce onions earlier than they can be produced from seed. By using sets, large, ripe onions can be had in July or August, and green "bunching" onions early in the spring.

Our Prices are subject to change without notice. They will probably rule as quoted below. Please write us for prices if you need a considerable quantity. You cannot get as good sets cheaper anywhere.

**YELLOW SETS.** Small and sound. By mail, **pt. 20c; qt. 35c.** By express, **qt. 20c; pk. 90c; bu. (35 lbs.) \$3.00.**

**WHITE SETS. (Silverskin.)** By mail, **pt. 25c; qt. 40c;** By express, **qt. 25c; pk. \$1.00; bu. (35 lbs.) \$3.75.**

**Egyptian or Perennial Tree Onion.** This is a distinct variety of onion that when once started will come up every year as soon as the frost is out of the surface soil, and will produce green bunching onions earlier than any other variety, and requires very little care. If the sets are set out in the spring they will divide and produce five or six new green onions the next spring for each set. They do not produce ripe onions. These sets are usually set out in the fall. If set out in the spring the onions are not ready to use until the following spring. Sets by mail, **pt. 18c; qt. 30c.** By express, **qt. 20c; pk. 80c; bu. \$2.75.**



# PARSLEY

One ounce of seed will sow 150 feet of row.

**Dwarf Perfection.** This is, without doubt, the finest parsley grown. The plant is of semi-dwarf habit, very compact and of a beautiful bright green, while the leaves are very finely cut and curled. Pkt. 10c; oz. 25c;

¼ lb. 70c.

**Champion or Triple Moss Curled.** Makes a strong growth of deep green, finely cut and curled leaves of excellent quality. Pkt. 5c; oz. 12c; ¼ lb. 25c; lb. 90c.

**Extra Double Curled.** A finely curled parsley. Very dark green. The leaves are not so finely cut and curled as above kinds. Pkt. 5c; oz. 12c; ¼ lb. 25c; lb. 90c.

**Turnip-rooted or Hamburg.** The roots are used instead of the leaves. We offer an improved variety called "Thick Sugar," which has nice, smooth, white roots of medium length and large around, and of fine sweet flavor: Pkt. 5c; oz. 15c; ¼ lb. 35c; lb. \$1.25.

# Peas

One ounce of seed will sow 100 feet of row. Two bushels per acre.

There is a great difference in Seed Peas of the same variety. Some are mixed and produced poor, half-filled pods, while others are pure and bear even crops of large, well-filled pods. The difference is in the way the seed is grown.

Our Seed Peas are all grown in the north, and are of the earliest and hardest as well as the purest strains. They are far superior to most of the seed peas sold. They will produce an even crop of well-filled pods, which cheap and carelessly grown seed will not do.

## A FEW WORDS ABOUT VARIETIES

The small early peas, such as Alaska and First and Best, are valuable principally because of their earliness and hardness. They can be sown while some frost is still in the ground, while if the larger and sweeter peas were sown at the same time the seed would rot.

To get peas as early as possible, Alaska, or First and Best should be sown as soon as the frost is out of the ground. For family use, however, it is better to wait a little and sow Surprise, which is as early as Alaska, and of far better quality. To follow these closely Nott's Excelsior or Sutton's Excelsior and the New Little Marvel are best as they are very early and of fine quality and prolific. A little later than these come Duke of Albany, Telephone and Heroine, and many other fine varieties with large pods and of very fine quality. For very late, New Queen is best.

These varieties all sown at the same time will give a continuous supply of the finest peas for a long time. By sowing some Heroine or Dwarf Champion two or three weeks later the season may be prolonged still further.

**QUANTITY TO SOW.** Very few people sow enough peas. For a family of five or six people the following quantities should be sown to furnish a liberal quantity nearly every day: 1 qt. Surprise, for first early; 2 qts. Nott's Excelsior or Sutton's Excelsior; 1 qt. Duke of Albany, Alderman or Telephone; 1 qt. Heroine or Dwarf Champion; 1 qt. Horsford's Market Garden or New Queen.



Gradus

Heroine

Telephone

Alderman

## SOME PEAS OF SPECIAL MERIT

**Little Marvel.** A new early dwarf pea, see page 12.

**Laxtonian.** Has the largest pod of any dwarf early pea, see page 12.

**Surprise or Eclipse.** This is the earliest sweet wrinkled pea. It is only a day or two later than Alaska, and is of far better quality. The pods are of fair size, and the vines are very prolific. One of the very best early peas, and we highly recommend it for family use. See price next page.

**Alderman.** A new and very fine pea for main crop. These pods resemble Telephone, but are larger, deeper green and better filled, while the vines are of more robust growth and more prolific. It is really an improved Telephone. Four feet tall, medium late. See price next page.

**Prince Edward.** A new variety with pods even larger than Alderman. The pods often grow nearly 6 inches long and are well filled with large peas of the very finest quality. Vines grow 4½ feet tall and are fairly prolific. A grand variety for those who want the very largest and best peas that can be grown. Season medium late. See price list below.

**Sutton's Excelsior.** One of the best early dwarf peas we know of. Much like the well-known Nott's Excelsior, but has larger pods, vines grow a little taller and are more prolific, but the peas mature a day or two later.

Valuable for either home use or market. The vines need no support. Those who want a dwarf pea that is early and prolific, with large pods and peas of high quality, will do well to use this variety. See price next page.



**Heroine.** This is one of the best late, or main crop peas, either for home use or market. The pods are immense, being 5 to 6 inches long, slightly curved, and the peas are large deep green and of delicious sweetness and flavor. The vines grow about 2 x 2½ feet high and produce large crops. *See price next page.*

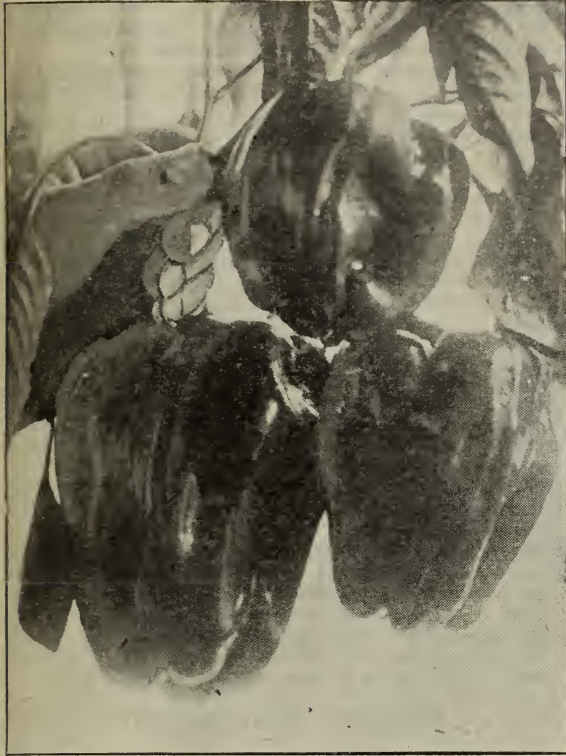
**Nott's Excelsior.** The earliest dwarf pea. Plant grows only about 18 inches high and needs no support. Pods are of good size and well filled, and the quality of the pea is delicious. One of the best for home use and market. *See price below.*

**New Dwarf Champion.** This pea combines the high quality and great production of the old Champion of England, with the advantage of having dwarf vines growing only 2 ft. high, so they do not need support. The Dwarf Champion is very prolific, has pods of good size and the peas are of the highest quality. Season medium to late, a little earlier than the old Champion. *See price below.*

**PEAS—EARLY VARIETIES.**

	Postpaid			By Express			
	½ Pt.	Pint	Quart	Pint	Quart	4 Qts.	Peck
<b>LITTLE MARVEL.</b> New early dwarf variety.....	\$0 20	\$0 35	\$0 65	\$0 30	\$0 50	\$1 90	\$3 75
<b>LAXTONIAN.</b> New large podded extra early pea. See page 12	20	35	65	30	50	1 90	3 75
<b>Alaska.</b> The earliest. Pods of medium size, well filled.....	14	25	45	17	30	1 15	2 25
<b>SURPRISE, or Eclipse.</b> Earliest sweet wrinkled pea.....	17	30	60	25	45	1 60	3 00
<b>Ameer.</b> Early, large pods. A profitable market variety.....	17	30	60	25	45	1 60	3 00
<b>THOMAS LAXTON.</b> Very early, large pods, and of highest quality. Pods not quite as large as Gradus but more prolific.	20	35	70	30	55	1 90	3 75
<b>First and Best, or Earliest of All.</b> A fine strain of extra early peas, two feet tall.....	15	25	50	20	35	1 25	2 50
<b>NOTT'S EXCELSIOR.</b> Earliest dwarf pea. <i>See description above.</i> .....	17	30	55	22	40	1 35	2 50
<b>SUTTON'S EXCELSIOR.</b> Larger than Nott's and almost as early. <i>See previous page.</i> .....	17	30	55	22	40	1 35	2 60
<b>GRADUS, or "Prosperity."</b> Early, large pods, finest quality.	20	35	65	28	50	1 70	3 25
<b>McLean's Little Gem.</b> An early dwarf pea, growing 15 in. high.....	15	28	50	20	35	1 25	2 35
<b>Premium Gem.</b> A fine strain of Little Gem, early and prolific.	15	28	50	20	35	1 25	2 35
<b>American Wonder.</b> Formerly considered the earliest dwarf pea, but it has been largely superseded by Nott's Excelsior.	15	28	50	20	35	1 25	2 35
<b>MEDIUM AND LATE VARIETIES.</b>							
<b>PRINCE EDWARD.</b> (New)—Very fine. <i>See previous page.</i>	17	30	60	25	45	1 60	3 00
<b>CARTER'S DAISY, or Dwarf Telephone.</b> Pods as large as Telephone, while the vines only grow 18 inches tall and do not need support. Peas large and of the finest quality. A fine late garden pea.....	17	30	55	22	40	1 35	2 50
<b>NEW DWARF CHAMPION.</b> Like Champion of England, but vines do not grow so tall (2 ft.) Quality very fine.....	17	30	55	22	40	1 50	2 65
<b>Horsford's Market Garden.</b> Valuable for market or home use. Grows 2 ft high, is very productive and of finest quality. Pods of medium size.....	16	28	50	20	35	1 15	2 25
<b>DUKE OF ALBANY, or American Champion.</b> Much like Telephone, but better. Large pods, well filled with peas of finest quality, 3 ft. tall, medium late.....	17	30	55	22	40	1 35	2 50
<b>ALDERMAN.</b> An improved Telephone. <i>See description page 35</i>	17	30	55	22	40	1 35	2 50
<b>HEROINE.</b> One of the very best late kinds. Very long pods well filled with deliciously sweet, dark green peas. 2½ ft. tall.	17	30	55	22	40	1 35	2 60
<b>TELEPHONE.</b> The standard for quality. Large pods and quite prolific. 4 ft. tall, medium late.....	17	30	55	22	40	1 30	2 40
<b>Long Island Mammoth, or Telegraph.</b> Large pods, hardy and prolific. A profitable market pea, but not of the highest quality. 4 ft. tall.....	16	28	50	20	35	1 30	2 35
<b>McLean's Advancer.</b> A very prolific second early variety, 2 feet.....	16	28	50	20	35	1 20	2 20
<b>JUNO.</b> Very prolific, large pods. One of the best kinds for main crop. 2 ft. tall, late.....	16	28	50	20	35	1 20	2 20
<b>NEW QUEEN.</b> Finest large, very late pea. Vine 4 ft. high...	17	30	55	22	40	1 50	2 75
<b>Champion of England.</b> Grows 4 to 5 feet tall, very prolific and still one of the best late peas.....	16	28	50	20	35	1 10	2 00
<b>Improved Stratagem.</b> A very large fine pea, growing about 20 inches tall, strong and stocky, late.....	20	30	55	22	40	1 35	2 60
<b>Yorkshire Hero.</b> Bears medium size, well filled pods, on stocky, vigorous vines. A good late pea. 2 ft. tall.....	16	28	50	20	35	1 10	2 00
<b>Dwarf White Marrowfat.</b> Does not grow quite as tall as the old Marrowfat, but otherwise the same.....	13	22	40	15	25	75	1 40
<b>Black-eyed Marrowfat</b> .....	13	22	40	15	25	75	1 40
<b>Mammoth Melting Sugar.</b> Edible pods. The largest and finest of this class; vines grow tall and are very prolific.....	17	30	55	22	40	1 50	.....





Giant Crimson Pepper  
**PEPPERS.**

One ounce of seed will produce 1,000 plants. Seed should be sown early in hot beds or greenhouses.

**GIANT CRIMSON PEPPER.** This new pepper has proved to be one of the best of the large fruited sweet varieties.

It is as large as Chinese Giant, and much earlier and more prolific. It is larger than Ruby King and of better shape and more productive. The shape of the peppers is shown in the photograph reproduced here. We have picked many that stood 7 inches high and weighed over a pound each. A dozen of these immense peppers are often seen on a single plant. The flesh is very thick, and so mild and sweet that it can be

eaten like an apple. This is the best large, sweet pepper we have tried and we highly recommend it both for market and home use. **Pkt. 10c; oz. 50c; ¼ lb. \$1.50, postpaid.**

**NEW "GIANT CAYENNE."** Much larger than the old cayenne pepper, and the flavor is equally pungent. **Pkt. 10c; oz. 30c; ¼ lb. 90c.**

**Neapolitan.** The earliest large pepper grown. This new pepper is two weeks earlier than other large kinds, and it is so early that the seed can be sown in the open ground and produce ripe peppers before frost in this latitude in a favorable season. If the plants are started early the peppers will be ready to use in July, and earlier further south. The peppers are of good size, a little longer and not quite so thick through as Bull Nose or Ruby King. They are produced upright on the plants, and as many as 30 or 40 have been counted on a single plant. The fruit is mild and of sweet, pleasant flavor, and of a very bright red. **Pkt. 5c; oz. 25c; ¼ lb. 75c; lb. \$2.75.**

**Chinese Giant.** The largest red pepper grown. The fruit often measures four or five inches high and as much in diameter. It is a "sweet pepper," being very mild flavored and has thick flesh. It is about as early as Ruby King, and nearly double its size. Our seed is of the finest strain of the genuine Chinese Giant, and fully equal to any seed offered at any price. **Pkt. 10c; oz. 35c; ¼ lb. \$1.10; lb. \$4.00.**

**SWEET MOUNTAIN.** An early, large, sweet red pepper, with fruit of good size, about the shape of Bull Nose. Flavor not as mild as Ruby King, but the fruit ripens earlier than that variety. The plant is quite prolific and will produce a great many peppers if they are kept picked as fast as they mature. **Pkt. 5c; oz. 20c; ¼ lb. 60c; lb. \$2.25.**

**Ruby King.** The most popular large red pepper. We have a very fine selected strain that produces fruit of the largest size, handsome shape and bright red color. With mild and pleasant flavor. The plants are more prolific than most strains of this variety, and the fruit ripens earlier and is of better shape and quality. **Pkt. 5c; oz. 25c; ¼ lb. 65c; lb. \$2.50.**

**LARGE BELL, or BULL NOSE.** One of the hardiest, earliest and best varieties. Bright red, thick flesh, and fairly mild, but more pungent than Ruby King or Giant Crimson. If the seed is sown in the open ground early in May, in good rich soil, the fruit will ripen before frost in a favorable season. It is better, however, to raise the plants in a hotbed. **Pkt. 5c; oz. 25c; ¼ lb. 65c; lb. \$2.40.**

**Cayenne.** Used for seasoning pickles. The peppers are long and slim, bright red when ripe, and of sharp, pungent flavor. The plants are very productive. **Pkt. 5c; oz. 25c; ¼ lb. 65c; lb. \$2.25.**

**GOLDEN DAWN.** The best and largest yellow variety. The peppers when ripe are of a beautiful golden yellow, of fine shape, and of sweet, pleasant flavor. Early and very productive. **Pkt. 5c; oz. 25c; ¼ lb. 65c; lb. \$2.50.**

**Pepper Plants.** See plant department, back pages of catalogue.

## PARSNIPS

One ounce of seed will sow 150 feet of row; 6 lbs. per acre.

**Harris' New Model.** By very careful selection of roots for seed purposes we have produced a strain that we think is very much superior to that usually sold. The parsnips grow to a medium length and are very smooth, without small roots or prongs, and are snow white, much whiter than other kinds, and therefore more attractive in market. See page 13. **Pkt. 5c; oz. 12c; ¼ lb. 30c; lb. \$1.00.** By express, 90c per lb.

**IMPROVED GUERNSEY HALF LONG.** The roots grow to a medium length and do not taper as much as the older kinds. They are smooth, even in shape, easily dug, and are fine grained, sweet and tender. **Pkt. 5c; oz. 8c; ¼ lb. 20c; lb. 70c.**

**Long Hollow Crown.** Long, smooth and straight, and of fine quality. We have a fine strain of this popular variety. Same price as Improved Guernsey.

## PUMPKINS

**CALHOUN PUMPKIN.** Crop of seed failed.

**WINTER LUXURY, or Improved Sugar Pumpkin.** Grows a little larger than the "Small Sugar," and the fruit is without ribs, but netted like a musk melon. The flesh is thick and of a very fine quality, and they keep well into the winter. A very fine pumpkin for home use or market. **Pkt. 5c; oz. 8c; ¼ lb. 18c; lb. 55c, postpaid.**

**SMALL SUGAR.** Small deep yellow pumpkins, ribbed and flattened at the ends. They have good thick, sweet flesh that is excellent for pies. There is always a good demand for these pumpkins in market, and as the vines are very prolific they are a profitable crop. **Pkt. 5c; oz. 10c; ¼ lb. 18c; lb. 55c, postpaid.**

**Large Cheese.** Fine grained and sweet. Large fruit, mottled light green and yellow. An excellent variety for the South. **Pkt. 5c; oz. 8c; ¼ lb. 15c; lb. 45c, postpaid.**

**MAMMOTH POTIRON (also called "King of Mammoths" and "Jumbo").** The largest pumpkin grown, often weighing 100 pounds. Salmon colored skin, flesh thick and of good quality. **Pkt. 5c; oz. 12c; ¼ lb. 30c; lb. 95c, postpaid.**

**CONNECTICUT FIELD, or "Big Tom."** The common large yellow pumpkin; the best to grow among corn for stock feeding or pies. Our strain of this variety is very fine, and produces the largest and handsomest pumpkins. **Pkt. 5c; oz. 8c; ¼ lb. 15c; lb. 40c, postpaid.** By express, lb. 30c; 5 lbs. 25c per lb.

Deduct 10c per lb. if seed is sent by express or freight.



## RADISH

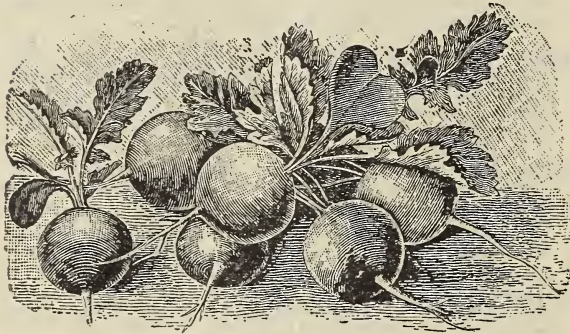
One ounce of seed will sow 75 to 100 feet of row.

For sowing in frames or greenhouses Early Scarlet Globe is the most popular variety. It is also good for sowing in the open ground. Very fine radishes can be grown in the open ground by sowing the seed late in the summer. At this time the maggots do not trouble them and they grow large and smooth in the cool fall weather.

**Early Scarlet Globe.** Called also "Red Rocket," "Startle" or "20 Days."

A very early globe-shaped radish, suitable for forcing or open ground. The radishes are of handsome shape, attractive bright red, and are crisp, solid and of the finest quality. They grow so rapidly that under favorable circumstances they may be pulled 20 days from sowing the seed. This is the most popular variety for forcing. Our seed is of the very finest French strain, grown from transplanted roots, and will be found unsurpassed. **Pkt. 5c; oz. 8c; ¼ lb. 20c; lb. 65c.** By express, 55c per lb.

**EARLIEST SCARLET GLOBE SHORTLEAF.** Grows more oval in shape than the early scarlet globe, and is very popular for forcing. It is the finest and earliest strain of olive-shaped radish grown, no matter under what name it is sold. It has very short leaves, and makes a remarkably rapid growth, and is not hollow or pithy. **Pkt. 5c; oz. 8c; ¼ lb. 20c; lb. 75c.** By express, 65c per lb.



Earliest Scarlet Forcing Radish.

**EARLIEST SCARLET FORCING.** Called also "Scarlet Button" and "Dark Red Ball." This is the best and earliest round or turnip shaped radish for forcing or open ground. It grows as round as a ball with very short leaves and is of a deep scarlet color. It grows with great rapidity, often getting large enough to pull in 18 days from sowing the seed. This radish is very popular for forcing and open ground and our strain will be found unsurpassed. **Pkt. 5c; oz. 8c; ¼ lb. 20c; lb. 65c.** By express, 55c per lb.

**EARLIEST SCARLET WHITE-TIPPED.** Also called "Rosy Gem" and "Rapid Forcing." This is the same as the Earliest Scarlet Forcing, except that each radish is tipped with white, making them very handsome when bunched or on the table. **Pkt. 5c; oz. 8c; ¼ lb. 20c; lb. 65c.** By express, 55c per lb.

**Crimson Giant Globe.** A new forcing radish that grows much larger than other kinds without becoming hollow or pithy. It can be allowed to grow to twice the size of the other early kinds and still retain its fine quality, being solid and crisp. The radishes are globe-shaped, bright red, and have small tops. It grows with great rapidity and gets large enough to use as early as any kind, but in order to attain its full size it should be allowed to grow a little longer. Gardeners will find this a profitable kind for forcing, as its large size and handsome appearance command a premium in any market. **Pkt. 5c; oz. 10c; ¼ lb. 20c; lb. 65c,** postpaid.

**CHARTIER.** The best long red radish. Larger around than above, and not quite so long. Smooth, straight, bright red,

with white tip. Very handsome and of fine quality. Remains for a long time before getting stringy. **Pkt. 5c; oz. 8c; ¼ lb. 20c; lb. 65c.** By express, 55c per lb.

**Long Scarlet Short-Top.** Grows 6 to 8 inches long; is straight, smooth and bright scarlet, and is of the best quality. **Pkt. 5c; oz. 8c; ¼ lb. 20c; lb. 60c.**

**French Breakfast.** Olive-shaped, with white tip; crisp and tender. **Pkt. 5c; oz. 8c; ¼ lb. 20c; lb. 60c.**

**FELTON'S IMPROVED WHITE BOX.** A large, rapid growing round white radish. Very handsome and attractive in appearance; solid and of best quality. This radish is as round as a ball, with small root and tops, and has pure white skin. It is the best white radish for forcing or outdoor culture. This strain is much superior to the Philadelphia White Box Radish, as it has smaller tops and matures earlier. Although not as early as some of the small red varieties, it is so large and handsome that it brings the highest price in market. **Pkt. 5c; oz. 10c; ¼ lb. 25c; lb. 85c.** By express, 75c per lb.

**Icicle.** This beautiful white radish grows with remarkable rapidity, and is valuable for forcing as well as the open ground. The radishes are long, straight, pure white, and nearly the same size the whole length. It is earlier than White Vienna or Lady Finger, and is of very fine quality. **Pkt. 5c; oz. 8c; ¼ lb. 20c; lb. 60c,** postpaid. By express, 50c per lb.

**GIANT WHITE STUTTGART.** A very large, round, white radish, of good quality, used as a summer and fall variety, as the roots will stand a long time without becoming pithy. **Pkt. 5c; oz. 8c; ¼ lb. 20c; lb. 65c,** postpaid.

**White Strasburg.** A first-class long white radish for summer use; will remain crisp and tender even when very large. **Pkt. 5c; oz. 8c; ¼ lb. 20c; lb. 60c,** postpaid.

## Winter Radishes

These varieties should be sown in July and August. They do not succeed if sown in the spring. They are excellent for fall and winter use, and will keep a long time in sand in the cellar.

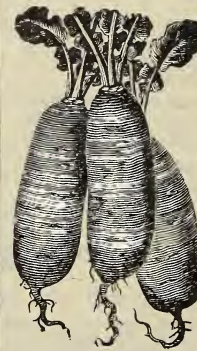
**CHINESE ROSE.** One of the very best varieties. Roots five or six inches long and two inches in diameter. Bright rose color; flesh white, crisp, and of mild, delicate flavor. **Pkt. 5c; oz. 8c; ¼ lb. 20c; lb. 70c,** postpaid.

**Long Black Spanish.** A long, smooth radish, nearly the same size at the bottom as the top, and dark brown color, nearly black. Flesh white and solid. Popular in market. **Pkt. 5c; oz. 8c; ¼ lb. 20c; lb. 60c,** postpaid.

**Black Spanish Turnip.** Similar to the above except in shape, which is short and round like a turnip. **Pkt. 5c; oz. 8c; ¼ lb. 20c; lb. 65c,** postpaid.

**Chinese Rose. California Mammoth White.** Very large, pure white, roots long, straight and smooth and of better quality than the Chinese White, or Celestial. **Pkt. 5c; oz. 8c; ¼ lb. 20c; lb. 75c,** postpaid.

Deduct 10c from "postpaid" price when seeds are sent by express.



## RHUBARB or Pieplant

These roots can be raised from seed sown in the spring, and are ready to transplant to the permanent bed the next spring. The seed must be sown in fine, rich soil, and the seedlings must have good care.

**Myatt's Linnaeus.** The earliest and best variety. The stalks grow very large, often two inches wide, and are light green and scarlet. Seed of our own raising from very fine plants. **Pkt. 5c; oz. 12c; ¼ lb. 30c; lb. \$1.10.** By express \$1.00 per lb.

**RHUBARB ROOTS** of above variety. By mail, 15c each; 6 for 75c. By express, large strong roots, 10c each; 75c per doz; \$4.00 per 100.



# Spinach

One ounce of seed will sow 75 feet of row. It requires about 15 pounds of seed per acre.

Spinach should be sown as early as possible in the spring. It will be ready for use in four or five weeks after sowing. For fall use and to winter over, sow the seed about September 1st in this latitude.

**New Eskimo Spinach.** A fine new variety. See novelties, page 14. Pkt. 5c; oz. 10c; ¼ lb. 15c; lb. 40c, postpaid. By express, 30c. per lb.

## New "Long Season" Spinach.

This new Spinach stands longer without running to seed than any other kind. The leaves are very thick and dark green—much deeper in color than other kinds. The plants resemble the Savoy Leaf in appearance, but are darker green, and stand much longer. This is a very fine new variety, and we highly recommend it for both market and the home garden. Those who have had spinach run up to seed just as it got large enough to use will appreciate this new kind which will stand much longer than any of the older varieties, and give nice fresh greens long after other kinds have become useless. Pkt. 5c; oz. 10c; ¼ lb. 12c; lb. 30c, postpaid. By express, 20c. per lb.

**VICTORIA.** The great value of the spinach is its habit of remaining a long time in good edible condition without going to seed. It is especially valuable on this account for spring sowing. The leaves are round, thick, broad, dark green and somewhat curled, and are of the best quality. A faster grower than Long Seasons and can be used earlier but does not stand so long without running to seed. It is quite hardy and can be sown in the fall for spring use. Pkt. 5c; oz. 8c; ¼ lb. 12c; lb. 30c. By express, 20c. per lb; 5 lb. or more, 15c per lb.

**NORFOLK SAVOY-LEAVED,** (also called Bloomsdale). A very handsome variety, with curled or blistered leaves like a Savoy cabbage, and of first-class quality. Runs to seed quickly in hot weather. Our strain of this variety is exceptionally fine. Same price as Victoria.

**Large Thick-Leaved VIROFLAY.** Very large, thick-pointed leaves of good quality. Grows more rapidly than other kinds, so can be used earlier. Plant makes a more upright growth than Long Standing. Price same as Victoria.

**LONG STANDING.** (Enkhuizen Strain.) Leaves large, thick, round, dark green and of fine quality. The strain we offer, grown at Enkhuizen, Holland, is exceptionally fine. The leaves are larger and thicker, and the plants remain longer without running to seed than the ordinary Long Standing. Price same as Victoria.



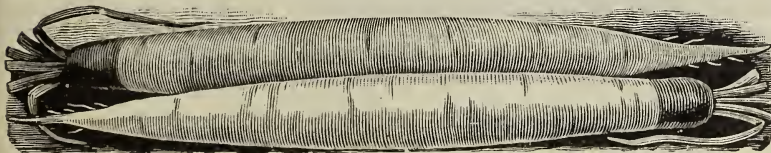
**MUNSTERLAND.** (Prickly seed.) This is a new strain of the hardy prickly seeded winter spinach, which has larger leaves than the old variety and is better in every way. This is considered the hardiest variety, and is largely used for fall sowing to winter over. Price same as Victoria.

**Round-Leaved Winter.** This is a hardy spinach that stand the winter well. It has thick round leaves and round seed and on this account is superior to the narrow leaved prickly seeded kinds which are largely used for wintering over. Price same as Victoria.

**NEW ZEALAND SPINACH.** (*Tetragonia expansa*.) This is not a true spinach, but a plant that can be used for the same purpose. Produces an abundance of leaves on stems a foot or more in length. Will grow during hot, dry weather when other spinach would be useless, continuing to furnish nice "greens" all summer and fall. The leaves and stems are tender and of excellent flavor. Soak in warm water 12 hours before sowing, as it is difficult to get it to germinate. Sow the seed in May, in rows 2 feet apart. Pkt. 5c; oz. 10c; ¼ lb. 25c; lb. 90c, postpaid.

## SALSIFY, or VEGETABLE OYSTER

One ounce of seed will sow 70 feet of row; 8 to 10 lbs. per acre.



Mammoth Sandwich Island Salsify.

Salsify is as easily grown as parsnips, and is more delicate and finely flavored. It is used in the fall and winter and early spring when there are few other vegetables, and is always welcome. Do not think of omitting it from your garden. The seed should be sown in May.

**MAMMOTH SANDWICH ISLAND.** An improved variety that grows very large, often measuring four to five inches around, and of the best quality. Our seed is of an extra large and fine strain. Pkt. 5c; oz. 12c; ¼ lb. 30c; lb. \$1.10, postpaid. By express, \$1.00 per lb.

## SORREL

The improved large leaved garden sorrel is used as greens like spinach, or for flavoring soup. Sow the seed in the spring in good light soil and thin the plants to 4 inches apart.

**Improved Broad Leaved.** The best variety. Pkt. 5c; oz. 15c; ¼ lb. 45c; lb. \$1.35, postpaid.



One ounce of seed of summer varieties will plant 35 hills.

# Squash

One ounce of winter varieties will plant 20 hills; 3 or 4 lbs. of seed per acre.

## SUMMER VARIETIES.

**GIANT CROOKNECK.** This improved strain of the old Yellow Summer Crookneck Squash is as early as that variety, while the fruit grows nearly twice the size. The squashes are deep golden yellow, and very warty, but not of quite as good quality as the old kind. **Pkt. 5c; oz. 8c; ¼ lb. 20c; lb. 70c,** postpaid. By express, **60c. per lb.**

**Early Bush Crookneck.** The old popular Yellow Crookneck Squash is of fine quality and very early. The vines grow only two feet long, so can be planted near together. **Pkt. 5c; oz. 8c; ¼ lb. 20c; lb. 60c,** postpaid.

**MAMMOTH WHITE BUSH SCALLOP.** The fruit is round, pure white and scalloped around the edges. This squash is of excellent quality for summer use. Our strain is the Improved Mammoth, which is much larger than the old kind and equally early. **Pkt. 5c; oz. 8c; ¼ lb. 20c; lb. 60c.**

**Early Yellow Bush Scallop.** The same as White Bush Scallop described above, except that the fruit is yellow and has yellow flesh. **Pkt. 5c; oz. 8c; ¼ lb. 20c; lb. 60c,** postpaid.

## FALL AND WINTER VARIETIES.

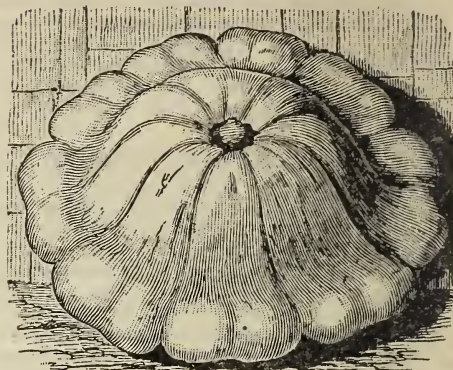
**BOSTON MARROW.** An excellent fall squash, well known and popular in market. Fruit of good size, deep orange yellow, and with thick flesh of the best quality. We have a very fine pure strain. There is no better squash for fall and early winter use. **Pkt. 5c; oz. 10c; ¼ lb. 20c; lb. 70c,** postpaid. By express, **60c. per lb.**

**Prolific or Early Orange Marrow.** Fruit deep orange color, with thick yellow flesh of the finest quality. It is very similar to Boston Marrow but of darker color. One of the best squashes for fall or winter use. **Pkt. 5c; oz. 10c; ¼ lb. 25c; lb. 75c.**

**ESSEX HYBRID.** A sweet, fine-grained and high-flavored squash. Flesh very thick, deep yellow and firm. Fruit is round, ribbed and flattened at the ends, and of a deep orange color. Will keep all winter. **Pkt. 5c; oz. 10c; ¼ lb. 25c; lb. 80c.**

**Hubbard. TRUE ORIGINAL STRAIN.** There is no finer winter squash than a true Hubbard of the old original type. But there has been a great deal of seed sold of inferior strains which have not the fine quality of the old type. We are therefore glad to be able to offer some seed of a very fine strain of the old stock, which will be found excellent in every way. The fruit grows to a good, large size, yet is heavy and of extra fine quality, cooking dry and without any stringiness; the color is even dark green, no light colored or striped fruit. **Pkt. 5c; oz. 12c; ¼ lb. 30c; lb. 90c,** postpaid. By express, **80c per lb.**

**IMPROVED WARTED HUBBARD.** This strain of Hubbard squash produces very large fruit covered with warts, and of dark green color. Sells well in the market, as the fruit is very handsome and of the largest size, but is not as fine quality as the original Hubbard. The seed we offer is a fine strain of the true Chicago Warted Hubbard. **Pkt. 5c; oz. 12c; ¼ lb. 30c; lb. 95c.** By express, **85c per lb.**



Mammoth White Bush Scallop.



The Delicious Squash (Photograph)

and is of far better quality than that variety, being dryer, richer and sweeter. Gardeners find it profitable for market where good quality is appreciated. **Pkt. 5c; oz. 10c; ¼ lb. 30c; lb. \$1.00,** postpaid. By express, **90c per lb.**

# Tomatoes

One ounce of seed will produce about 2,000 plants.

**Our Special Selected Strains.** We have for years made a specialty of raising tomato seed of the best possible quality, and we think our strains of some of the new and standard varieties are as fine as can be found anywhere, and far superior to what is usually sold. The seed of these special varieties is all grown on our own farm, and the greatest care is taken to improve the stock by careful selection of the fruit from the best vines. Gardeners who wish an even crop of smooth fruit should try our seed.

**Notes on Varieties.** Of the early varieties Earliana, Early Detroit, Bonny Best and Chalk's Early Jewel are decidedly the best. Of these Earliana is the earliest but does not color as well around the stem as Bonny Best, which is a little later but better colored.

**GOLDEN HUBBARD.** Like the true Hubbard, except that the fruit is of a deep orange-red, making it very attractive in appearance, and is of a fine quality. **Pkt. 5c; oz. 12c; lb. 30c; lb. 95c,** postpaid. By express, **85c per lb.**

**Marblehead.** Fruit light green, smooth, and is of medium size. Flesh thick, yellow, and cooks dry, and is of the finest quality. **Pkt. 5c; oz. 12c; ¼ lb. 30c; lb. 95c,** postpaid.

**Delicious.** This is the finest flavored winter squash we know of. It is so dry and fine-grained that it resembles a good sweet potato more than ordinary squash. The fruit is not quite as large as Hubbard, but is very heavy,



None of the very early kinds, except "Bonny Best," is of as fine quality as the best of the later varieties. Among these the best of the *dark red* varieties are **Stone**, **Success** and **Enormous**. The best *pink* tomatoes for main crop are **Early Detroit**, **New Globe**, **Trucker's Favorite** and **Livingston's Beauty**, of which **Early Detroit** is the earliest, and **Beauty** the latest. **Trucker's Favorite** is medium late, and has very large, smooth, handsome fruit. For canning, it is important to get a tomato that is not too acid when cooked. **Stone** is one of the best on this account. **Success** and **Potomac** are also excellent, being very sweet and of good color.

**Earliana.** This is the best extra early variety without any exception. It is not only the first to ripen, but it ripens the whole crop before some of the late kinds have started to ripen at all. But what is more remarkable, the tomatoes are large, perfectly smooth and very solid, and of good sweet flavor. Its productiveness is really remarkable. On good, rich land the ground is literally covered with fruit. The vines make but a moderate growth, and naturally overbear. By planting on rich land, or giving a liberal quantity of manure or fertilizer, a great increase in yield is produced.

**Our Seed** of this variety is of our own growing, and is the genuine **Spark's** strain. We take great care to keep it perfectly pure and true to type, and we are confident that it is as fine a strain as can be found, no matter what price is charged for the seed. Pkt. 10c; oz. 30c; ¼ lb. 95c; lb. \$3.60, postpaid.

**New "Extra Early" Earliana.** A new strain selected for extreme earliness. See page 14. Pkt. 10c; oz. 45c; ¼ lb. \$1.40.

**Bonny Best.** A magnificent new early variety that should be largely planted for home use and market. See page 15. Pkt. 10c; oz. 35c; ¼ lb. \$1.00; lb. \$3.85.

**Early Detroit.** A fine new early pink tomato. The fruit is of good size, smooth as an apple and ripens medium early, being considerable earlier than **Beauty** and **Trucker's Favorite**. The vines are healthy and very productive and the fruit is free from cracks and ripens evenly all over. Pkt. 10c; oz. 30c; ¼ lb. 80c; lb. \$3.00, postpaid.

**Trucker's Favorite.** Very large, smooth and handsome, and one of the very best pink or purple fruited tomatoes. Not as late as **Livingston's Beauty**, but more solid and of finer quality. Vines vigorous, healthy and productive. Pkt. 5c; oz. 25c; ¼ lb. 70c; lb. \$2.50.

**Chalk's Early Jewel.** This new tomato is not quite as early as **Earliana**, but is of better shape and color. The fruit is smooth and regular and of larger size, solid and of fine quality. The vines are very prolific, and the fruit ripens early, so that the whole crop matures before frost. Seed of our own raising and of a special selected strain, far superior to the seed ordinarily sold. Pkt. 10c; oz. 30c; ¼ lb. 80c; lb. \$3.00.

**Stone.** This is certainly one of the very best large late tomatoes for market, home use or canning. There is a good deal of inferior seed of this variety sold, but we have a strain of our own growing that produces magnificent large smooth tomatoes that are of deep scarlet color and very solid, and of fine quality, free from acidity. There is no finer tomato for canning. We have not found any similar tomato quite equal to our strain of **Stone**. Where earliness is not especially desired, this tomato will meet all the requirements of the most critical growers. Pkt. 5c; oz. 25c; ¼ lb. 75c; lb. \$2.75.

**New Dwarf Stone.** Plants grow dwarf and stocky, like those of **Dwarf Champion**, and can be set out close together. The fruit is like **Stone**, large, solid, and deep red, and of fine quality. The vines are remarkably prolific, the large, smooth fruit hanging in perfect masses on the plants. Ripens a little earlier than **Stone**. Pkt. 5c; oz. 25c; ¼ lb. 75c; lb. \$2.85.

## Success Tomato.

The Best Main Crop, Deep Red Variety for Home Use or Market.

Those who want a deep red, smooth, handsome tomato of good size, either for market, table use or canning will find the "Success" all that can be desired.

It is medium early—not as late as **Stone**. The fruit is very solid, smooth and colored right up to the stem with no green tinge. Does not crack and is usually entirely free from black rot.

We have taken great pains with our strain of this tomato and think we have greatly improved it since it was first introduced. We can recommend it to all who want the finest, smoothest and best flavored tomatoes. Pkt. 10c; oz. 30c; ¼ lb. 80c; lb. \$3.00.

### TOMATOES—Packets of any of the following kinds, 5 cents :

	Oz.	¼ lb.	Lb.
<b>IMPERIAL.</b> Large, smooth, pink tomatoes of fine quality and ripen medium early.....	\$0 20	\$0 60	\$2 25
<b>ENORMOUS.</b> Bright red, smooth and handsome and very large. It is of rather coarse texture, but still of good quality, and it is so large and handsome that many people prefer it to smaller kinds .....	30	90	3 50
<b>POTOMAC.</b> Medium early, deep pink, very solid and of high quality.....	30	85	3 00
<b>JUNE PINK.</b> Very early pink tomato, resembling the <b>Earliana</b> , except in color.....	30	90	3 50
<b>PONDEROSA.</b> Immense tomatoes, fairly smooth and very solid, color pink. A good variety for private gardens .....	30	90	3 50
<b>NEW GLOBE.</b> One of <b>Livingston's</b> new tomatoes. The fruit is as round as an apple and is firm and of fine quality; color deep pink. One of the best tomatoes of this color .....	25	75	2 65
<b>DWARF CHAMPION.</b> The vines are stocky and do not spread like other kinds. Fruit is of medium size, very smooth and of an attractive pink color. Ripens medium early....	20	65	2 25
<b>Livingston's Beauty.</b> Very fine, large, perfectly smooth and very handsome tomatoes of a deep pink color. One of the best market varieties, but ripens rather late.....	18	60	2 25
<b>Livingston's Favorite.</b> Deep red, large and smooth .....	18	60	2 20
<b>Paragon.</b> Deep red, large and solid. Fine for canning and market.....	18	60	2 20
<b>Red Cherry.</b> Very small round red tomatoes that are used to serve whole in salads.....	30	85	.....

### YELLOW VARIETIES.

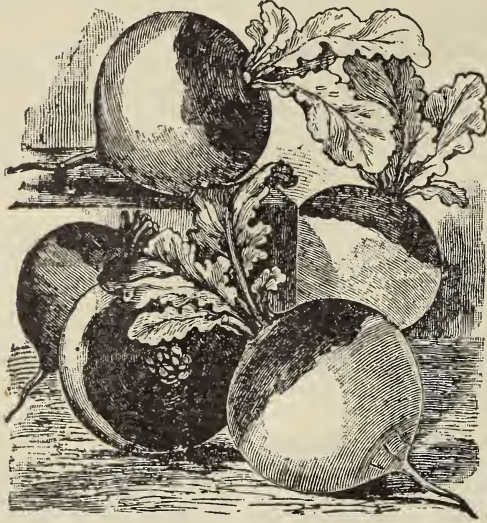
<b>Golden Queen.</b> The best yellow tomato. Large, smooth and of fine quality.....	30	85	.....
<b>Yellow Plum.</b> Small, plum-shaped, bright yellow fruit; fine for preserves.....	30	85	.....
<b>Ground Cherry, or Husk Tomato.</b> (Also called <i>Strawberry</i> , or <i>Winter Cherry</i> .) Small yellow fruit, inclosed in a husk. It is of peculiar flavor and is used for preserves.....	30	75	.....



# Turnips

One ounce of seed will sow 200 feet of row. It requires from 2 to 3 lbs. of seed per acre in drills, or 1 to 1 1-2 lbs. broadcast.

**PURPLE-TOP STRAP-LEAF.** The favorite variety for summer and autumn use. Turnips flat, clear white, with purple top. Grows very rapidly and is of good quality. Seed sown in July and August produces fine large turnips in the fall. Pkt. 5c; oz. 7c; ¼ lb. 15c; lb. 40c, postpaid. By express, 30c. per lb.; 5 lb. or more, at 28c. per lb.



Red or Purple Top White-Globe Turnip

**PURPLE-TOP WHITE GLOBE.** Large, pure white, globe shaped, with purplish red top. Very handsome, heavy yielder and early. A profitable turnip for market and excellent for table use. This turnip is the same as the Purple-Top Strap-Leaf, except that it is globe-shaped instead of flat and requires

a little more time to grow. Pkt. 5c; oz. 8c; ¼ lb. 15c; lb. 45c, postpaid. By express, 35c. per lb.; 5 lbs. at 30c per lb.

**EARLY PURPLE-TOP MILAN.** This is the earliest variety in cultivation. The bulbs are clear white, smooth and handsome with purple top, and much resemble the Purple-Top Strap-Leaf, but grow even faster than that variety, and are ready two weeks earlier. Pkt. 5c; oz. 8c; ¼ lb. 18c; lb. 60c, postpaid. By express, 50c. per lb.

**White Flat Dutch.** Very early, pure white, flat and of good quality. Pkt. 5c; oz. 7c; ¼ lb. 15c; lb. 45c, postpaid. By express, 35c. per lb.

**White Egg.** An oval or globe-shaped white turnip, with pure white skin and of fine table qualities. It is popular in market and excellent for home use. Pkt. 5c; oz. 7c; ¼ lb. 15c; lb. 50c, postpaid. By express, 40c. per lb.

**GOLDEN BALL.** A handsome, early, yellow turnip, as round as a ball, with smooth, golden yellow skin, and fine-grained yellow flesh. The best early yellow turnip for table use. Pkt. 5c; oz. 7c; ¼ lb. 15c; lb. 45c, postpaid. By express, 35c. per lb.

**Cow Horn.** A long white turnip largely used for stock feeding, as it yields very large crops. It is also of first-class quality for table use. It is a rapid grower, and can be sown late. Often sown in corn fields after late cultivating. The turnips grow more than half above ground and are easily pulled. Pkt. 5c; oz. 8c; ¼ lb. 18c. lb. 55c, postpaid. By express, 45c. per lb.; 5 lbs. or more, 40c. per lb.

**Yellow Stone.** A round or globe-shaped yellow turnip of good quality, fine grained, smooth and handsome. Grows to a good size and keeps well. Pkt. 5c; oz. 8c; ¼ lb. 18c; lb. 55c, postpaid. By express, 45c per lb.

**Yellow Aberdeen.** A large, globe-shaped yellow turnip with purple top. Fine for use in the fall or early winter, or for stock feeding. A heavy cropper. The seed should be sown the last of June for fall use. Pkt. 5c; oz. 7c; ¼ lb. 15c; lb. 45c, postpaid. By express, 35c per lb.

## Ruta Bagas or Swede Turnips

**WHITE SHORT TOP.** This is a very handsome white Ruta Baga, with remarkably short tops and no "neck." Turnips are light green on top and pure white on the bottom, and grow to a good size, and are of fine quality. This is the best white Swede Turnip we know of. Pkt. 5c; oz. 10c; ¼ lb. 18c; lb. 65c, postpaid. By express, 55c per lb.

**Perfection Selected Swede.** This is a large purple-top yellow Ruta Baga, that is especially recommended for stock feeding. The roots grow very large, perfectly round, have very small side roots, and practically no neck. The tops are small compared with the size of the roots, which grow well out of the ground and are easily harvested.

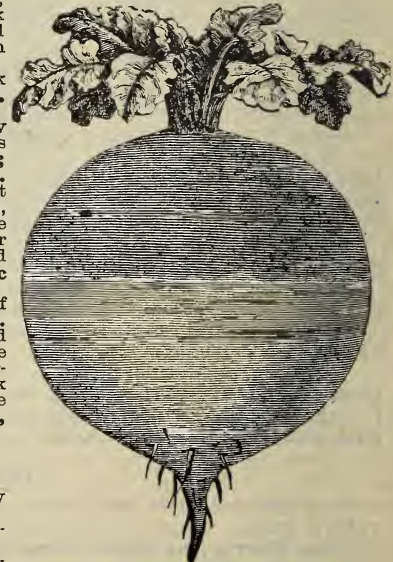
Those who want to raise large, smooth, handsome Swede Turnips either for stock feeding or market, should try this selected strain. Pkt. 5c; oz. 10c; ¼ lb. 20c; lb. 60c, postpaid. By express, 50c. per lb. 5 lbs. at 45c. per lb.

**IMPERIAL PURPLE-TOP, Long Island Improved.** This is a fine strain of yellow purple-top Ruta Baga, having smooth, handsome bulbs of good quality. The turnips are almost perfectly round, smooth, and bright yellow, with purple top. Pkt. 5c; oz. 7c; ¼ lb. 15c; lb. 45c, postpaid. By express, 35c. per lb.; 5 lbs. at 30c. per lb.

**BREADSTONE.** When well grown this is a fine table turnip. When cooked it is almost as dry and sweet as a good squash. It belongs to the Ruta Baga or Swede Turnip class, but is smaller and earlier than the ordinary Ruta Bagas. The seed should be sown the first part of July. If sown early the turnips get hard and coarse, and are not good for table use. It is in good edible condition in November, and will keep perfectly fresh and good all winter. Pkt. 5c; oz. 7c; ¼ lb. 15c; lb. 50c, postpaid. By express, 40c per lb.

**White Sweet or French.** A globe-shaped white Ruta Baga with green top, and of excellent quality. Pkt. 5c; oz. 7c; ¼ lb. 15c; lb. 45c, postpaid. By express, 35c. per lb.

**Hall's Westbury (selected).** This is a very finely bred Swede Turnip, intended for table use, market and shipping. It grows to a nice size for this purpose, and is very smooth and handsome and of excellent quality. The turnips have purple tops and yellow flesh. This strain is of perfect shape, with no neck and very small roots. For those who want a handsome medium sized turnip for table use or market, this variety is unsurpassed. Pkt. 5c; oz. 10c; ¼ lb. 20c; lb. 65c, postpaid. By express, 55c. per lb.



Perfection Selected Swede Turnip.

## TOBACCO

**Connecticut Seed Leaf.** The most popular variety for the Northern states. Very hardy. Pkt. 5c; oz. 20c; ¼ lb. 60c.

**Sterling.** Early and valuable for the North. Color bright yellow, and of the finest quality. Pkt. 5c; oz. 25c.

**Havana.** The finest Cuban tobacco, so famous for cigars. Leaf thin, and used principally for cigar wrappers. Pkt. 5c; oz. 30c.



## AROMATIC AND SWEET HERBS

**BASIL.** Used for flavoring soups and sauces. **Pkt. 5c; oz. 15c.**

**BORAGE.** Sow seed in the spring in the open ground. **Pkt. 5c; oz. 15c.**

**CARAWAY.** Sow in spring or fall. Very easily grown. **Pkt. 5c; oz. 10c; ¼ lb. 25c.**

**CORIANDER.** The young green leaves are used for flavoring soups, salads, etc. Sow in the spring in the open ground. **Pkt. 5c; oz. 10c; ¼ lb. 20c.**

**DILL.** Used for flavoring cucumber pickles, etc. **Pkt. 5c; oz. 10c; ¼ lb. 25c; lb. 60c,** postpaid.

**LAVENDER.** Used for its perfume. It is a hardy plant, and will last for years. The seed is slow to germinate and people often fail to get it to start. It should be covered very little if at all. **Pkt. 5c; oz. 15c; ¼ lb. 40c.**

**SWEET MARJORAM.** Very valuable for seasoning dressing for poultry, imparting a very agreeable and pleasant flavor. Easily grown from seed sown in the open ground in the spring. **Pkt. 5c; oz. 15c; ¼ lb. 35c.**

**ROSEMARY.** A perennial that will last for years when once started. Sow in the spring in the open ground where the plants are to remain. **Pkt. 5; oz. 25c.**

**FENNEL.** The leaves are used for flavoring. Easily raised. **Pkt. 5c; oz. 15c; ¼ lb. 30c.**

**SUMMER SAVORY.** Easily grown by sowing seed in the open ground in the spring. **Pkt. 5c; oz. 10c; ¼ lb. 30c.**

**SAGE, Broad-Leaved.** When once started will last for years. Should be in every garden. Sow in the open ground and thin the plants to four or five inches apart. **Pkt. 5c; oz. 15c; ¼ lb. 40c; lb. \$1.10,** postpaid.

**THYME.** Start the seed in a box in the house or hotbed, and set out the plants when the ground is warm. **Pkt. 5c; oz. 25c.**

**WORMWOOD.** A medical herb used largely for planting in poultry yards for chickeus to feed on. **Pkt. 5c; oz. 15c; ¼ lb. 35c.**

**Holt's Mammoth Sage.** This variety of Sage does not seed, so we can

offer only the plants. The leaves grow much larger than the common Sage, and are of superior quality. The plants are perfectly hardy and will stand the winter without protection. They make a very large growth, a single plant spreading out two or three feet across. By far the best Sage for all purposes. **Plants sent by mail postpaid, 3 plants 45c; 10 plants \$1.25.** By express, 12c each; \$1.20 per dozen.

## Seed Potatoes

We have for many years devoted a great deal of attention to raising high class seed potatoes. We raised 20 acres of early varieties on our own farm the past season and never had smoother, cleaner or more healthy stock.



Photograph of one of our fields of potatoes, Todd's Wonder, showing evenness of growth and health and vigor of the vines.

**Plant Good Seed.** There is altogether too little attention given to the question of the proper seed potatoes to use. The practice of using the small and inferior potatoes for seed, if continued for more than one or two years, has a marked effect on the yield. We could hardly expect anything else. A poor weak hill of potatoes always has a lot of small potatoes in it and all these go into the "seed" and propagate their own kind.

It is of the greatest importance, therefore, to get seed from healthy, vigorous stock, that has been raised for a number of years from large potatoes free from disease.

It is perhaps safe to use the smaller potatoes of such stock for seed once in a while but the practice should not be continued or the variety will "run out."



**Moreton Farm Seed Potatoes** are raised from the most carefully selected tubers, all small and inferior ones being rejected. In this way the stock is improved from year to year instead of deteriorating as is sure to happen when small and inferior potatoes are used for seed.

**Early Varieties.** Early potatoes that mature in the summer are not good for seed. To get the best seed of early kinds it is necessary to plant late so that the crop will not mature before the cool fall weather. We plant early kinds after the middle of June and to keep seed in good condition until that date we have to put the potatoes in cold storage in March and hold them there until we are ready to plant. Potatoes raised in this way make the best possible seed.

**Prices likely to Advance.** Seed potatoes of many of the most popular varieties are so scarce this season that the demand is likely to far exceed the supply.

We reserve the right to refuse orders for potatoes at the prices quoted in this catalogue late in the season and to charge higher prices should our stock become too much reduced.

**The Prices here given** are for the potatoes carefully put up for shipment and delivered to freight house or express office without extra charge, but the purchaser is to pay the freight or express charges.

**Potatoes Shipped in Sacks or Barrels.** We can ship potatoes either in barrels or in sacks. Sacks hold the same quantity as barrels (165 lbs.) Sacks cost 10c and barrels 40c, so it makes a difference of 30c in the price of the two packages. *In ordering please state which you want.*

**Shipping Season.** It is usually safe to ship potatoes from here about March 20. We can ship earlier in paper-lined barrels, if our customers wish us to do so, with little risk, but we will not hold ourselves responsible for loss by freezing if the potatoes are ordered sent earlier than in our judgment it is safe to ship them.

**Low Freight Rates.** We can ship by Pennsylvania, Erie, Lehigh Valley, and B. R. & P. Railroads from Rochester, which give lowest freight rates and quick delivery to all points. Shipments on the New York Central lines are made from Coldwater.

**Half Bushels and half pecks** will be sent at half the bushel and peck price. We will send two or three different varieties in a barrel without extra charge, but cannot send more than one variety in a sack.

**Potatoes Sent by Mail.** We will send any varieties named in this catalogue, by mail or express, prepaid, at **25c per lb. or 3 lbs. for 65c.**

**Order Early.** We always run out of some varieties of early potatoes before planting time, so to be sure to get what you want order early. When orders are sent late in the season please mention whether we may substitute some other kind if sold out of the variety wanted. We will book orders at any time and ship the potatoes when safe to do so.

**"Second Size" Seed.** We offer a few second size seed potatoes of most varieties. These potatoes are from the size of a hen's egg to a little smaller, and make nice seed to plant whole or cut once in two. They are nice smooth potatoes. We do not sell this grade in smaller quantities than a barrel or sack. **See prices under varieties.**

### EARLY VARIETIES.

**Early May.** One of the very best extra early varieties. The potatoes are light red, oval to long, and have shallow eyes and are of the best quality. The Early May is the largest yielding extra early kind we know of. Some other kinds yield as much or more, but they are not as early. The potatoes are about the color and shape of Early Rose but mature two weeks earlier. **Pk. 60c; bu. \$1.65; bbl. \$4.25; sack \$3.85; 2d size \$3.90 per bbl. or \$3.50 per sack.**

**Irish Cobbler.** The most popular and largely planted early potato. Round, pure white, extra early, and of the best quality. Grows uniformly large, there being fewer small potatoes than in any other early kind. The seed we offer is exceptionally fine. The potatoes are clean, free from scab and rot, and are strictly pure genuine Irish Cobbler. Some people say they can't raise such crops of Irish Cobbler as they did a few years ago. The trouble is they use inferior seed affected with disease and lacking in vigor. We raise just as large crops of this variety as we ever did. Get good healthy seed of the genuine Irish Cobbler and you can raise just as large crops as we ever produced.

There are a great many potatoes being sold for Irish Cobbler that are not that variety at all, or are so badly mixed with late kinds that they are worse than useless to plant for an early crop. The seed we offer is of our own raising on new soil and it is strictly pure. **Pk. 60c; bu. \$1.60; bbl. \$4.00; sack \$3.60; 2d size \$3.65 per bbl. or \$3.25 per sack.**

**Early Six-Weeks.** This variety resembles the Early Ohio so closely that it is hard to tell them apart. With us however the Six-Weeks is a much better yielder than the Ohio and fully as early. Some growers think it is earlier. It sets more potatoes in a hill than the Ohio and yields better. This is certainly one of the very best extra early varieties. It is fully as early as any variety we know of and yields better than other kinds equally early. The vines are small and ripen down early so the crop can be dug and removed from the land in time to plant some other crop. The potatoes are in shape and color like the Ohio, oval with blunt ends and with light pink skin. **Peck 60c; bu. \$1.65; bbl. \$4.25; sack \$3.85; 2d size \$3.90 per bbl. or \$3.50 per sack.**

**Early Market.** This variety proved to be the earliest kind in our trial grounds a year ago.

It is of the Early Ohio class resembling that variety and the Early Six-Weeks very closely, but is of a deeper pink than the Six-Weeks. We recommend this variety to gardeners who want an extra early kind of good quality. Price same as for Early Six-Weeks.



Early May Potatoes

**Early Ohio.** The standard Early potato; medium long with square ends; color light red, deeper around the eyes. Vines small and die down very early. Yields well under high culture. **Peck 60c; bu. \$1.65; barrel \$4.25; sack \$3.85; 2d size \$3.90 per barrel or \$3.50 per sack.**

**White Ohio.** Some years ago a gardener near here found a hill of potatoes among his Early Ohios that were practically white with only a slight tinge of pink around the eyes. He saved and planted these and it soon became a popular variety. The seed we offer was grown from the original stock and is true to name, which cannot be said of much of the seed that is sold for White Ohio. In habit of growth and other respects, except color, it resembles closely the Early Ohio. **Pk. 60c; bu. \$1.75; bbl. \$4.50; sack \$4.20; 2d size \$4.00 per bbl. or \$3.70 per sack.**



**Manistee.** One of the best potatoes to resist blight we have ever grown. Vines remain healthy and green until the crop is matured. The potatoes are round to oval, somewhat flattened, eyes fairly shallow, color light red, quality first class. This potato is of the Rose class and yields like the Early Rose in its best days. Where a red potato sells well this will certainly be found one of the most profitable varieties. It matures about the same time as Early Rose and yields as much as most late kinds. **Pk. 60c; bu. \$1.60; bbl. \$4.00; sack \$3.65.**

**Early Rose.** We have a fine stock of this grand old variety. Price same as for Bovee.

**Bovee.** This is one of the largest yielding early kinds. The potatoes are oblong, white shaded with light pink in spots, and resemble the Beauty of Hebron, but yield better than that good old variety. The vines make a low spreading growth, and produce a good many potatoes in a hill, which, if the land is good, mature nearly all the same size, and give an immense yield. We have raised very large crops of this variety. On good rich land probably no early variety will yield as much as Bovee. It is however only a medium early kind being a week or two later than Irish Cobbler, Early May, etc. **Pk. 60c; bu. \$1.65; bbl. \$4.00; sack \$3.65.**



Todd's Wonder Potato. (Photograph.)

#### LATE OR MAIN CROP VARIETIES.

### Todd's "Wonder" (Improved World's Wonder)

This potato is really a wonder. It produces the evenest and most uniform potatoes, both as to growth and yield of tubers we have ever had the pleasure of seeing. One hill is just like another—all good.

The way this is brought about is by *seed selection*.

Mr. Chas. L. Todd of Otsego Co., N. Y., has been working on this potato for some years selecting his seed each year from hills that produce the heaviest yields and most uniform sized potatoes. The result has been to greatly improve the variety in health and vigor and consequently in yield.

**There are no poor hills**—The seed potatoes all come from strong healthy vines and they produce such.

Anyone who has examined a field of potatoes carefully must have noticed a good many hills that have weak vines, few and small potatoes. All these usually go into the seed and produce more of such hills every year. This often reduces the yield 50 to 100 bu. per acre.

Our fields of "Todd's Wonder" grown from Mr. Todd's selected stock were the evenest lot of potatoes we ever saw. It would be hard to find a single poor or weak hill in an acre. Every hill is just alike—all good.

*They yield nearly twice as much as ordinary Rurals and Carmans in the same field.*

The "Todd's Wonder" is of the Rural or Carman class, has very vigorous, healthy vines that usually stay green until killed by frost. The potatoes are round, smooth and handsome and of good quality.

After raising this potato for three years we are convinced that it is the most profitable late variety we know of. We offer seed grown directly from Mr. Todd's own selected stock. **Pk. 60c; bu. \$1.65; bbl. \$4.25; sack \$3.95.** (No seconds—practically none in the crop.)



### Sir Walter Raleigh.

This is undoubtedly the best of the Carman or Rural seedlings. It is a seedling of the Rural New Yorker, and has the vigor of that variety before it degenerated, as it undoubtedly has. It is an improved Rural with new blood and renewed vigor. The potatoes resemble the Rural in shape, but are smoother with shallower eyes, slightly netted skin and much better quality. This variety sets more potatoes in a hill than the Rural and yields immense crops on any good soil. Succeeds everywhere and is the style of potato most in demand in the markets just now. We have some extra fine, pure stock, free from scab, rot or disease of any kind. **Pk. 50c; bu. \$1.50; bbl. \$3.30; sack \$3.00.**

**Moreton.** The Moreton is a handsome, smooth, round, white potato, with eyes so shallow that they can hardly be distinguished. It is one of the smoothest and handsomest potatoes we have ever seen. What makes this variety superior to others, however, is its wonderful vigor of growth and freedom from blight or disease. A few rows of the Moreton running through a field of any other kind can be clearly distinguished by the much greater vigor of growth and deep green color of the vines. We have never seen any blight on the vines, and the bugs seem to leave them alone when they can get at any other kind. **Pk. 60c; bu. \$1.65; bbl. \$3.80; sack, \$3.50. Second size, \$3.00 per sack.**

**Silver King.** This new seedling potato which we introduced a few years ago has produced some great crops and has proved to be a valuable variety. It is not only a heavy yielder but it is also of high quality, being dry, white and mealy when cooked.

We have had many reports of big yields from this variety, of which the following are examples:

Mr. H. S. Webber, Waldo Co., Me., 400 bu. per acre.

Mr. H. E. Briggs, Delaware Co., N. Y., 524 bu. per acre.

Mr. C. P. Kent, Bennington Co., Vt., 435 bu. per acre.

**Yields twice as much as Rurals.** Mr. T. Fouch of Michigan, writes, Feb. 9, 1911.  
*"I planted two acres of Silver King potatoes last year and got 600 bu. Rurals in the same field went 150 bu. per acre."*

The potatoes are oval in shape, pure white, with netted skin that always goes with good quality, shallow eyes and average large in size. Vines very vigorous with green stems and white flowers and resist blight, rarely, if ever, being affected with this disease. There are usually 8 or 12 good large potatoes in a hill.

We highly recommend this variety to those who want a potato of high quality and at the same time a heavy yielder. On good soil crops of 800 bushels per acre may be reasonably expected in a favorable season. **Pk. 60; bu. \$1.75; bbl. \$3.80; sack, \$3.50.**

**Washington.** We are again able to offer a first-class stock of this great potato which we introduced some years ago. The potatoes are round to oval, very white, smooth with shallow eyes and of good quality. They grow very fast and mature earlier than most larger varieties. This is an immense yielder on fairly light soils and will produce great crops of very smooth handsome potatoes on such land. By careful selection of the seed for the last few years we have bred up a very fine, vigorous, healthy strain of this potato which we are sure will please our customers. **Pk. 50; bu. \$1.50; bbl. \$3.50; sack, \$3.20.**

**American Giant.** The potatoes grow rapidly and when planted early can be dug in August and marketed when potatoes are usually much higher in price than later in the season. It produces much larger crops than any early variety. The potatoes are long, white and with numerous eyes. We have some excellent pure seed. **Pk. 50c; bu. \$1.50; bbl. \$3.30; sack; \$3.00. 2d size, \$2.75 per sack.**

**Green Mountain, Jr.** A seedling of the well-known Green Mountain and is an improvement on that variety being of greater health and vigor; resists blight better and is of equally fine quality.

The potatoes are round and smooth with shallow eyes and slightly russet skin like the old Green Mountain. This potato is of very high quality for table use and we strongly recommend it to those who want to raise the very best potatoes for their own use or market. **Pk. 65c; bu. \$1.65; bbl. \$3.80; sack \$3.50.**

## FARM AND FIELD SEEDS

The production of high class seed of the best varieties of Oats, Corn, Wheat and other grains, as well as Potatoes, has for many years, been one of the principal branches of our business, and no part receives greater attention.

**The Importance of Good Seeds** is becoming more generally understood and progressive farmers no longer think of using the seed of the old "run out" varieties that they were sowing years ago.

Take corn for instance. It has been plainly shown by recent experiments that the yield per acre can be nearly doubled by using seed that has been selected with intelligence and properly cured. The same is true of other grain crops. The best results can only be obtained by the use of the very best seed that can be grown. It does not pay to use anything else.

**Our Seeds are Better** than common seeds. With the latest improved power machines for cleaning and grading seed grain and by the scientific treatment of our seed to prevent smut and other diseases, we are able to furnish much better seed than it is possible for most farmers to produce. It costs a little more of course, but the extra cost is nothing compared with the increased yield and quality of the crops.

**At the Prices** quoted in this catalogue we deliver the seeds at any freight house or express office here, or in Rochester and make no charge for bags unless otherwise stated. The purchaser to pay freight or express charges. See freight and express rates inside cover page.

### BARLEY

**Six Rowed (Bearded).** We have a fine pure strain of six-rowed "State" Barley which is the best bearded barley to raise for either feeding or market. It yields 40 to 50 bushels per acre under ordinary culture and conditions and is very valuable for feeding horses, hogs, or other stock, as well as for brewery. It is a profitable crop. It must be sown early to get the best results. **Pk. 60c; bu. (48 lbs.) \$1.75; 2 bu. or more \$1.65 per bu.**

### BUCKWHEAT.

Buckwheat is easily raised and will make profitable crops on rather poor land, where other grain would fail. It is also largely used as a cover crop in orchards. Sow in June or July, using 3 pecks to 1 bu. seed to acre.

**JAPANESE.** The largest and most productive variety. The grain is large and dark brown or black; ripens early and is very prolific. **Pk. 50c; bu. \$1.35; bags of 2 bu. \$2.50 per bag.**

**IMPORTED JAPANESE.** We have a small quantity of Japanese Buckwheat grown from seed imported from Japan. This seed is very large and perfectly pure. We should be glad to send samples to any one interested. **Pk. 60c; bu. \$1.75; bag of 2 bu. \$3.25.**

**SILVER HULL BUCKWHEAT.** Small gray kernels that make the finest quality of buckwheat flour. Yields large crops and considered by many growers the most profitable kind to raise. **Pk. 50c; bu. \$1.30; bag (2 bu.) \$2.40.**

### SPELTZ or EMMER.

A Russian grain that has become quite popular in the west for feeding purposes. It resembles barley somewhat and is grown in the same way. Its principal value is for poor, dry land where oats or wheat would not give a profitable crop. It is often mixed with oats and helps to make a larger yield. Sow 2½ bu. per acre the same as you would oats or barley. **Pk. 50c; bu. (40 lbs.) \$1.30; 2 bu. or more \$1.25 per bu. (40 lbs.)**



# Superior Seed Oats

The oats we offer for seed is all grown from the very heaviest and cleanest seed and each variety kept as pure as possible.

**No Smut.** Smut greatly reduces the yield of oats, and has been especially troublesome the past few years. We treat the seed oats we sow, and those we have sown for us, with formalin to kill the smut germs, and in this way keep our crops free from this disease. **Crops raised from this seed will be practically free from smut.** This alone makes our seed oats worth the extra cost.

**No Weed Seeds.** We thoroughly clean our seed oats so that they do not contain any foul weed seeds.

## LONG'S WHITE TARTAR OATS

We have sold this variety of oats for a number of years and it has given universal satisfaction everywhere. We have had yields of 100 bushels per acre on large fields on our own farm, and many of our customers report fully as large yields.

These oats have **immense heads** of grain, often measuring nearly a foot long, and containing by actual count over 150 kernels. It is a side oat.

The straw is **very large, strong and stiff.** It stands up to a man's chin, and is as large as a lead pencil. In one of our fields these oats stood a foot higher than wheat growing beside it.

The kernel is **large, plump and heavy,** pure white, and with **thin hulls.** There are no better oats for feeding than these.

**100 bushels per acre.** Mr. Earl Jacobs of West Virginia, writes: "*The Long White Tartar Oats I received of you in 1909, are the finest oats I ever saw in this county, and the farmers say that they are the finest they have ever seen. I will sow 50 or more bushels this year. They averaged 100 bushels per acre last year.*"

**GOOD IN VIRGINIA.** Capt. J. Brad. Beverley of Virginia, writes, August 17, 1910: "*The seed oats I bought of you made the best yield I have heard of in this county, 1,504 bu. from 25 acres. Two acres harvested separate—same treatment as rest but better land—made 141 bu.*"

**IN PENNSYLVANIA.** Mr. Geo. Kennerly of Pennsylvania, writes: "*All the seeds I have bought of you have proved their value. In 1907 I purchased of you a bag of Long's White Tartar Oats and this year's oats in this section are almost nothing while the Tartar's stood 2-2 to 5 feet tall and just loaded. It is a wonder they did not break down from the weight of grain. I counted the number of pods to a head on some heads and none had less than 100 with two grains to a pod. They weighed 40 lbs. to the bu. when threshed out.*"

**Price of Seed.** We offer Long's White Tartar Oats **thoroughly cleaned and free from weed seed,** at the following prices: **Peck 40c; bushel \$1.25; bag of 2½ bushels (80 lbs.) \$2.75; 4 bags (10 bushel) or more at \$2.50 per bag.** No charges for bags. Special prices will be quoted on lots of 25 bushels or more. Sample will be mailed if requested.


## "Regenerated" SWEDISH SELECT Oats

### ALSO CALLED "WASHINGTON" OATS.

The Swedish Select Oats have done remarkably well all over this country. The straw is of medium length and very stiff while the heads grow compact and upright branching evenly all around so they do not lodge easily. These oats usually stand up perfectly even on very rich land where other kind lodge badly. The grain is white, large, very plump and heavy.

The "Regenerated" strain we offer was produced by selecting the best heads and sowing the seed by itself so as to keep it pure. This greatly improved the strain so it is now one of the very best varieties grown. **Pk. 40c; bu. \$1.20; bag 2½ bu. \$2.60; 4 bags or more at \$2.50 per bag.**

**Improved American Oats.** This is an old variety we sold over 20 years ago. It



Long's White Tartar Oats, (Photograph)

gave great yields then and still does. The Ohio Experiment Station has tried many varieties of oats, side by side for 8 or 10 years and the Improved American has given the largest average yield of any kind grown.

The grain is white, large, heavy and has thin hulls, straw quite long but still and does not easily lodge. Heads branching and quite large. **Pk. 40c; bu. \$1.20; bag 2½ bu. \$2.00; 4 bags (10 bu.) \$2.50 per bu.**

**Golden Fleece Oats.** Many people prefer oats with branching heads rather than a side or "mane" variety. The branching heads are less liable to be broken down by wind and rain.

The Golden Fleece has proved to be one of the very best varieties of the branching class. The grain is white, large, plump and heavy, with thin hulls. The straw is stiff and carries very large branching heads. These oats have a record yield of 108 bushels per acre, while yields of 75 to 80 bushels per acre are very common, and can easily be obtained with this variety under ordinary conditions. The straw is medium tall, stiff and does not often lodge. **Pk. 40c; bu. (32 lbs.) \$1.25; bag of 2½ bu. (80 lbs.) \$2.85; 4 bags (10 bu.) or more at \$2.75 per bag.** No charge for bags. Samples will be mailed on request. A bag is the right quantity to sow per acre.





The above is a photograph of corn as it comes out of our seed tester.

**Well Cured Seed.** We take the greatest care of our seed corn from the time it is harvested until it is shipped to our customers. If the corn when husked is not perfectly dry (which is not often the case) it is placed in a drying house where it is thoroughly cured in warm, dry air, so that it comes out in the best possible condition—full of life and vigor. It will come up promptly and grow quickly, which is of the greatest importance, especially in the Northern States.

**The Price of Good Seed.** Any thinking person must know that if seed corn is sold at a low price per bu. it must be the general run of the crop instead of the very best ears only. No one could possibly select out the choicest ears, properly cure them and put the seed up in bags and sell it at about the market price for feeding corn.

It only requires a peck of corn to plant an acre. A grower could much better afford to pay a dollar for a peck of really good selected seed corn than to take ordinary corn as a gift.

### NORTHERN GROWN SEED CORN.

*The corn we offer for seed (except a few late varieties of Dent corn) is all grown right here in Western New York, near Lake Ontario, where the summers are short and cool and consequently all the varieties must be early and will mature anywhere in the country where corn can be raised at all.*

**Tested for Germination.** Before sending off any seed corn we make thorough tests to ascertain its vitality, and we mark the percentage that germinates on the label so that the purchaser will know just how many kernels out of 100 will grow. We should be glad to give the results of our tests at any time during the winter or spring to any one interested.

**Harris' Mammoth Yellow Flint Corn.** A very fine large yellow

Flint or "State" corn. The

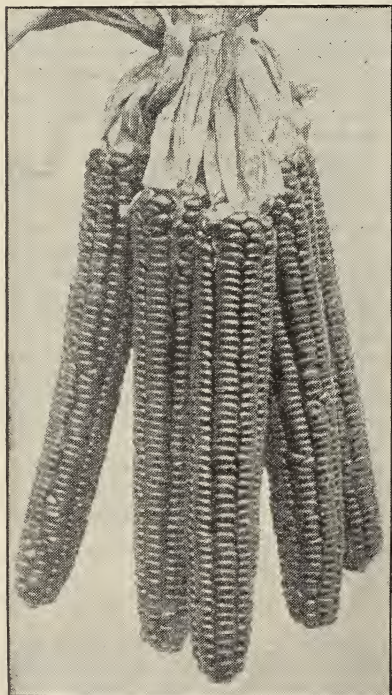
ears grow very long, often measuring 14 inches, and have eight rows of large bright yellow kernels filled right out to the tips. The cob is small, the stalks grow about 6 or 7 feet tall and have numerous broad leaves and make excellent fodder. The ears are produced well above the ground, so the stalks can be readily cut with a binder. Many stalks have two good large ears if not planted too thick. This corn will ripen ready to cut in 90 days from the time the corn comes up. Compared with Gold Nugget the corn has ears as long but the kernels are smaller and consequently the ears are not as large around. The stalks do not grow quite as tall and are not as coarse. The corn ripens a week or 10 days earlier. **Price**—Shelled corn from carefully selected ears, qt. 20c; pk. 85c bu. \$3.00. (Postpaid, pt. 20c; qt. 35c.) Ears, 10 lbs. for 65c; 25 lbs. or more, 6c per lb.

**Early "Red Glaze" or King Philip Corn** An Early Strain of King Philip.

A very early Flint or "State" Corn, with deep yellow kernels tinged with red. The ears grow 9 to 10 inches long, 8-rowed, very small cob and are well filled to the tips. The great value of this corn for the north lies in the fact that it will mature perfectly in any season, no matter how unfavorable. It was the only corn that matured perfectly in this neighborhood in the very cool summer of 1907. The stalks grow about 6 feet tall and are not coarse and make the best of fodder.

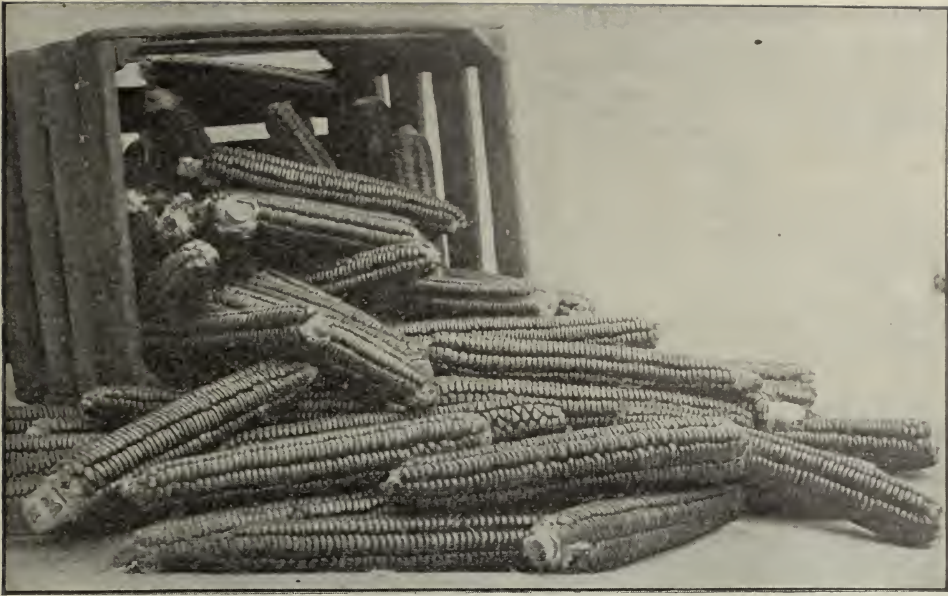
We now have a carefully bred strain of this corn with larger kernels than is usual with this variety.

This corn always gets ripe, and on this account often produces much larger crops of good sound corn than larger and later kinds which fail to mature under unfavorable conditions. **Price**—Shelled corn from choice ears, qt. 20c; pk. 75c; bushel \$2.50. Selected ears, 10 lbs. 60c; 25 lbs. or more, 5c. per lb.



Early Red Glaze Corn. (Photo.)





Hall's Gold Nugget Corn.

## HALL'S GOLD NUGGET CORN.

The Largest and Most Prolific Yellow Flint or "State" Corn grown. Ears 12 to 14 in. long.  
Ripens perfectly in New York and New England.

This corn is greatly admired by every one who sees it. The ears are often 12 to 14 inches long and over six inches around and weigh over a pound. The kernels are simply immense, being twice as large as most other varieties. To those who are accustomed to raising the ordinary yellow "state" corn with small kernels these immense ears are astonishing. The kernels are so large that an ear, having as it does only eight rows, is twice as large around as common eight-rowed corn and usually much longer. Two of these big ears are often produced on one stalk. It is no more trouble to husk, handle and shell a big ear than a small one and you get twice as much corn from the big ear.

**Earliness.** This corn matures medium early and is suitable for almost any section of the country except the northern part of New England and a few places of high elevation. In most of New York state, Massachusetts and all places south and west of these states the Gold Nugget corn will mature perfectly in a normal season and produce immense yields on good soil.

*Under ordinary field culture we have raised 1140 bu. of ears on 6 acres or 190 bu. per acre equal to 95 bu. shelled corn.*

The Gold Nugget will yield more than any other variety of corn we know of that will mature in this locality. The stalks grow about 7 feet high and are well covered with leaves. Many produce two large ears. The fodder is of excellent quality and the quantity produced is very large.

**For Ensilage.** This corn will prove of great value for ensilage, as it produces an enormous yield of stalks and ears and the grain will mature early so that it may be cut when in just the right stage to produce the greatest amount of food without running the risk of having the crop injured by frost.

**What a Big Corn Grower says:** MR. C. S. CLARK of Ohio who is an acknowledged authority on varieties of corn, tried Gold Nugget corn last season and wrote us Oct. 12, 1912:

"This variety of Flint corn is as far ahead of the other sorts like Longfellow, Midnight, Early Canada and King Philip as day is ahead of night. It will outyield them by 40 per cent and the fodder is larger and better in every way.

I have wondered why you do not push it for both field purposes and ensilage. It would make an *ideal ensilage corn* for all northern climates, because it grows so strong, it never quits or blights, cold summers do not stop it. We had only ten days warm weather all summer and the corn kept right on growing. People have come for miles to see our 3 acre field."

**Nearly 200 bushels per Acre.** MR. WM. LEACH, of Chaut. Co., N. Y., writes Dec. 12, 1912:

"Last spring I purchased some Hall's Gold Nugget seed corn of you. I found the corn fully what you recommended it to be. The corn crop and also the land was measured by Mr. Galdwin of the Fredonia Experiment Station. The total yield in ears was 177 bushels from nine-tenths of an acre, that averaging **194.7 bu. per acre.** This corn crop has made quite a sensation about this locality, owing to the fine quality and yield."

MR. GEO. M. ARMSTRONG, Livingston Co., N. Y., writes Jan. 17, 1912:

"The corn I ordered of you was the best I ever raised. Had 242 heaping bushels of ears on  $1\frac{3}{4}$  acres. The variety was Gold Nugget. Have one ear that measures 15 in. from tip to butt kernel."

**Price of Seed.** Shelled corn from carefully selected ears, by express, or freight. **Qt. 25c; peck \$1.00; bu. (56 lbs.) \$3.50.** By mail, **pint 25c; quart 40c.**

**On the Ear.** It is much more expensive to ship corn on the ear than when shelled, and it takes more time and trouble so we have to charge a higher price when sent in this way. **Selected ears, 10 lbs. for 75c; 25 lbs. or more 7c per lb.** 70 lbs. of ears will make a bushel of shelled corn.

**Samples.** A sample of the grain will be mailed free to intending buyers. A sample ear will be sent for 25c to cover postage, etc.



## “FARMER’S FRIEND” CORN.

An Extra Early Yellow Flint Variety.

We got this corn some years ago from Northern Vermont where the seasons are short and corn had to be very early, to mature at all.

When we first got it the ears were quite short but filled out to the very tip with large heavy yellow kernels. It was very prolific, many stalks producing 3 good sound ears.

Since then we have been breeding this corn up with a view to getting longer ears with smaller butts and stalks that grow taller. In this we have succeeded in a marked degree. Our crop the past season was the finest we ever raised in spite of the cool summer. The ears are now 8 to 9 in. long with small butts and filled right out to the tip.

The stalks grow 5 to 6 ft. high and have very large leaves and small butts so make the very best of fodder. The great value of this variety is its earliness. It will ripen in the most Northern parts of the country and give excellent yields where the larger and later kinds would fail. The seed we offer this season is exceptionally fine, being all of our own “thoroughbred” seed. It is perfectly matured, thoroughly cured and will undoubtedly germinate 99% or better.

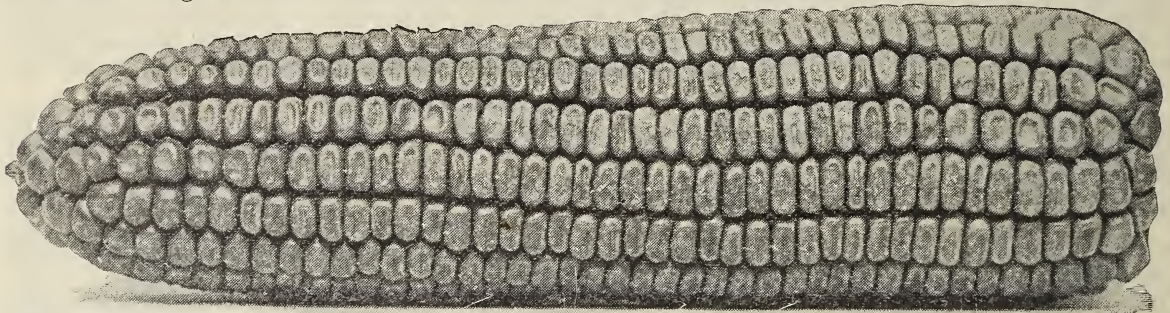
**Price.** Shelled corn from first-class selected ears. **Qt. 25c; pk. 85c; bu. \$3.00.**

**SELECTED EARS.** 10 lbs. 65c; 25 lbs. or more at 6c; per lb. (70 lbs. ears will make a bushel of shelled corn.)

**188 bushels per acre.** Mr. H. I. Wildman, Litchfield, Co., Ct. writes: “Last year I sent to your house for seed corn, Farmer’s Friend and Early Red Glaze, I was very much pleased with both kinds. I grew 188 bu. ears to the acre. This was grown on ground with an elevation of 1200 ft. on an old meadow all run out and nothing but barn-yard manure. I finished cutting 93 days after planting. I did not see any material difference in the maturing of the two varieties, but the Red Glaze gave me more fodder to the acre.”



Farmer’s Friend Corn. (From a Photograph)



## DAVIS’ IMPROVED EARLY HURON CORN.

This Variety was awarded a Silver Cup in the New York Central contest for the best Corn grown in New York State exhibited at the State Fair, Syracuse, 1911.

It is a well known fact that the western Dent corn yields more bushels of shelled corn per acre than the eastern “State” corn. Western grown seed, however, does not produce corn that ripens well in the east. When seed grown in this state is used and the variety is a good one, Dent corn will mature perfectly and produce big yields of nice sound corn.

Where horses are fed corn on the ear Dent corn is much better than Flint or State corn, as it is softer and shells easier.

*DAVIS’ IMPROVED EARLY HURON is the earliest Dent corn we know of. This corn ripens fully as early as most varieties of Flint or “State” corn and earlier than some.*

This improved strain of early Huron corn was bred up by Mr. A. S. Davis who lives only a few miles from us. Mr. Davis has selected his seed corn for many years with a view to improving the type and has succeeded in producing so good a corn that he was awarded a silver cup for the best exhibit of corn at the State Fair, Syracuse, N. Y., 1911.

The ears are of medium length, 8 to 9 inches long, and have 14 to 16 rows of deep, well formed kernels. The cob is small and dries out quickly, and the ears break off easily when husked. The ears are very compact and heavy. Two bushel crates of ears will produce nearly 1½ bushels of shelled corn.

The Stalks grow 6 to 7 feet tall and make good fodder.

For those who want to raise large crops of corn that will get ripe early in September we highly recommend this variety.

**PRICE OF SEED.** We offer some very fine seed grown by Mr. Davis that will be found of the very highest quality in every way. It has been thoroughly dried in our drying houses and the germination is almost perfect, 99% or better. Shelled corn from the very best ears, by express or freight, **qt. 25c; pk. \$1.10; bu. \$4.00.** Selected ears, 10 lbs. 65c; 25 lbs. or more 6c. per lb. (70 lbs. of ears will make one bushel shelled corn, which would plant 4 acres of ground.)

**DAVIS’ EARLY HURON CORN**, grown by another grower from Mr. Davis’ seed. This is high-grade seed corn of good germination. **Pk. 75c; bu. \$2.85.**



**Sanford White Flint Corn.** The Sanford has long been the most popular white Flint corn. The ears are long and the kernels are of good size, white and very hard. The stalks grow tall and very leafy which makes this one of the most valuable varieties for fodder in the north. The ears mature earlier than the Dent or "Western" corn usually, sown for fodder, while the stalks are tall without being coarse. **Pk. 60c; bu. (50 lbs.) \$2.00; 2 bu. or more at \$1.85 per bu.**

**Pride of the North.** A very popular early yellow Dent corn for the north. It has been grown in this neighborhood for years and produces good crops. The ears are of medium size, 8 or 9 inches long and the corn is deep yellow, hard and of high feeding value. One of the best kinds for fodder or ensilage as well as for grain. **Pk. 50c; bu. \$1.60; 2 bu. or more at \$1.45 per bu.**

## EARLY GOLDEN SURPRISE CORN

Although not quite as early as Davis' Early Huron this is an early Dent corn, called a "90 day" variety in Ohio, and matures perfectly in Western New York in a favorable season.

The ears are of good length, not too large around, nearly the same size the whole length, small cob and deep, well formed, yellow kernels. This is one of the best early yellow Dent varieties we know of. It not only produces large crops of corn of the highest grade but it also is valuable for fodder and ensilage. Large dairymen who have tried this corn say it is the best variety they can raise for ensilage. It produces immense crops of stalks of the best quality, being leafy and not too coarse. The ears mature early so the corn can be cut before danger of frost. This will be found a better variety than Leaming for ensilage in New York and New England.

Those who want an early Yellow Dent corn that is well bred and very prolific will find the Golden Surprise a most satisfactory variety. The seed we offer is exceptionally fine, being of a carefully bred strain and of perfect germination.

**PRICE. Pk. 60c; bu. \$2.00; 2 bu. or more at \$1.85 per bu.**

## White Cap Yellow Dent Corn.

This is one of the most prolific varieties of Dents corn grown. If you want to raise good corn and lots of it plant the White Cap. The corn is yellow with a white tip or "cap" to each kernel, so that the ears look white on the outside, but the corn when shelled is light yellow and very handsome. The ears are of good length (about 10 inches), large around, with 16 to 18 rows and filled out to the tips.

It will mature in some of the southern counties of this state and anywhere in Pennsylvania, Ohio and lower Michigan. The seed we offer was grown for us in Northern Ohio and is of a fine pure strain.

**For Fodder.** This is one of the very best varieties for fodder and ensilage. The stalks grow tall and leafy and the corn matures early, so that it can be cut before danger of frost.

**SELECTED STRAIN.** This seed is from the very finest ears and is recommended when it is desired to raise grain, not fodder. The tip and butt kernels are removed before shelling. **Pk. 75c; bu. \$2.50; 2 bu. or more at \$2.25 per bu.** We should be glad to send sample after March 1.

**No. 1 WHITE CAP.** This is the same as the selected strain except that the ears are not so carefully sorted and the tip and butt kernels are left on. It is all good sound seed corn of strong vitality. **Pk. 50c; bu. \$1.60; 2 bu. or more at \$1.50 per bu.** Special prices quoted on large lots.

Mr. Harry S. Chapin, Berkshire Co., Mass., writes:

*"I have had great luck with your White Cap Dent Corn for ensilage, as it grows from 12 to 14 feet high and ears out fine."*

**Improved Leaming Corn.** This has long been considered one the best yellow Dent varieties, both for grain and fodder. It is medium early and ripens well in some parts of this state, although it is not a safe variety to raise north of Pennsylvania. The ears are large, with very deep, bright yellow kernels. The cob is small. The stalks grow to a medium height, and often produce two large ears, and make first-class fodder. This corn succeeds well on nearly all soils and will produce large crops of high grade, deep yellow corn. This is one of the best varieties to sow for fodder and ensilage, as well as for grain. We offer some very choice seed of a thoroughbred strain, grown for us in Northern Ohio. **Price, pk. 60c; bu. \$2.00; 2 bu. or more at \$1.85 per bu.**

**Leaming for Fodder.** We can furnish good sound Leaming corn of strong vitality and well suited to sow for fodder and ensilage, at the following prices: **Bu. \$1.50; 2 bu. or more at \$1.40 per bu.** Special prices on large lots. Please write us stating quality required.

**Cuban Giant Ensilage Corn.** This corn has been produced by careful breeding with the idea of getting a variety that would produce the largest crops and best quality of ensilage or fodder. The stalks grow tall and are covered with large leaves from bottom to top. The stalks grow so large and have so many leaves that enormous crops of fodder are produced. The corn is much superior to the common "sheep tooth" southern corn so commonly sold for fodder, as it is more tender and leafy and matures earlier. If planted early this corn will mature ears to the glazing stage in this latitude before frost. It is earlier than "Eureka" fodder corn and yields fully as much. The corn is white with red cob. **Price—Pk. 50c; bu. \$1.60; bag of 2½ bu. \$3.75.** No charge for bags. Write for prices on large lots.

**Sweet Corn for Fodder.** It is well known that fodder grown from sweet corn is richer, sweeter and more tender than that grown from common corn. The best sweet corn for the purpose is Stowell's Evergreen. If the stalks are cut while green cows will eat them up clean with hardly any waste. There are varieties of corn sold for fodder called "Evergreen," but they are not sweet corn, and do not produce good fodder. What we offer is genuine Stowell's Evergreen Sweet Corn. In raising this variety for seed there are, of course, many ears that are too small, not well filled, or true to type, which have to be rejected from our selected seed corn. All of this that will germinate well is what we offer for raising fodder. **Pk. 65c; bu. \$2.00; 2 bu. or more at \$1.90 per bu.** If a larger quantity is required please write for sample and price on quantity desired.



White Cap Yellow Dent Corn. (From a Photograph)



# Seeds of Forage Plants, Etc.

There are many plants suitable for forage and soiling that ought to be better known than they are. They are of great value both for stock and feeding and improving worn out soil.

## SOY BEANS

The Soy Bean is a most valuable plant for feeding stock. The vines can be cut and used as hay, or they may be left until the beans are ripe and fed without threshing. A good variety will yield 2 or 3 tons of hay and 20 bu. of grain per acre and the cost of raising the crop is very small. The seed is usually drilled in rows about 28 inches apart and the crop cultivated two or three times before the vines cover the ground. Sown in this way it requires about  $\frac{3}{4}$  bu. seed per acre. The crop can be cut with a mower and handled like clover or alfalfa. Both the hay and grain make most excellent food for cattle, sheep and horses; cows give more milk and sheep fatten better on Soy beans than any other food.

**For the Silo.** It has been found that Soy Beans cut as soon as the beans mature and mixed with corn fodder make very rich ensilage, far superior to corn alone, as the Soy Bean contains a high percentage of protein which is lacking in corn.

**For Plowing Under.** A crop of Soy beans plowed under in the fall adds a large amount of fertility to the soil, both in the way of nitrogen and humus. The bean is now being largely used for this purpose to restore worn out soil. Sow in drills 15 to 20 inches apart, using about 1 bu. seed per acre.

For full information about Soy Beans, culture, etc., write to the U. S. Dept. of Agriculture, Washington, D. C., for Farmers Bulletin No. 372. (Free.)

**Medium Early Green Soy Bean.** For the Northern states it is important to use a variety of Soy Beans that will mature before frost. The large southern Yellow or Mammoth Soy Bean will not mature north of Virginia. The Medium Early Green will mature here in New York State and yield immense crops. This is the best variety we know of for both hay and grain. The plants grow upright so they can be easily cut with a mower and the leaves do not drop off as quickly as some varieties. This variety has proved to be the heaviest producer of both grain and forage of any early kind suitable for the northern States. **Qt. 25c; pk. \$1.25; bu. \$4.50.**

**Mammoth Yellow Soy.** This variety will not mature seed in the north but makes a large growth of forage and is used for hay and to plow under to improve the soil. **Qt. 20c; pk. 85c; bu. \$3.00.**

## CANADA FIELD PEAS.

These peas are grown principally for their vines which make hay equal to the best clover hay. They are usually sown with oats and cut when the oats head out but before the grain is ripe. If anyone is likely to be short of hay he will do well to sow a few acres of oats and peas. We have used this hay for sheep, horses and cows with the best results. It is as easily cured as clover and will yield large crops. We usually sow  $1\frac{1}{2}$  bushels of peas and  $1\frac{1}{2}$  bushels of oats per acre. Sow early in the spring. **Pk. 60c; bu. \$3.00; bag lots ( $\frac{2}{3}$  bu.) \$2.75 per bu.** Price will be quoted by letter on larger lots.

## COW PEAS.

This is really a bean and is used for both hay and for plowing under.

**Whippoorwill.** The most popular variety. It produces a heavy growth of vines and is a rapid grower. The seed should be sown in June and the crop can be cut in August. Use about  $\frac{1}{2}$  bu. seed per acre in drill, 28 inches apart. **Qt. 20c; pk. 90c; bu. \$3.25.**

## SORGHUM

When grown for fodder or hay Sorghum is sown with a grain drill, using about  $1\frac{1}{2}$  bu. of seed per acre. It can be cut with a binder or mower. It will cure in the field and can be fed as wanted. It makes excellent feed for late summer when pastures get short. Sow first half of June and harvest in August. It will yield 6 to 8 tons per acre.

**Early Orange.** This is considered the best variety of Sorghum for fodder in the northern states, and for grain or syrup in the south. It makes a stronger growth than other kinds. By mail, **per lb. 20c.** By express or freight, **per lb. 10c; pk. 70c; bu. (56 lbs.) \$2.50; 2 or more bu. at \$2.40 per bu.**

## JAPANESE MILLET.



**(Panicum Crus-Galli.)** This new Millet from Japan is becoming quite popular in this country. It grows so strong that the stalks look like small corn fodder. Very large crops can be raised, nearly double that of common millet. The hay is relished by horses, cows and sheep. Even when allowed to ripen its seed, the hay after the seed is threshed out is readily eaten by stock, there being no waste as in the case of corn stalks.

The Millet should be sown about the same time corn is planted. It is usually sown broadcast at the rate of about 10 or 12 quarts (or an equal number of pounds) per acre. It is cut when it heads out, and before the seed ripens. It does best on sandy land or medium light soil. We offer some *extra fine, pure seed.*

**Price, by mail, 25c. per lb.** By express or freight, **pk. 60c; bu. (35 lbs.) \$1.90; 2 bu. or more at \$1.75 per bu.**

**German or Golden Millet.** Makes a good heavy growth of hay that

is suitable for cattle. Can be sown in July and makes a good crop before fall. Use three pecks of seed per acre.

**Price, about \$1.60 per bu.,** subject to market changes.

**Hungarian.** This Millet matures a week or so earlier than Golden Millet, and does not grow quite so large but makes finer hay of better quality. **Price, about \$1.75 per bu.** Lowest market price will be quoted by letter at any time.

## DWARF ESSEX RAPE

**The Best Forage Crop for Sheep and Hogs**

Rape is a plant belonging to the cabbage family. It produces a mass of broad, smooth leaves which are greatly relished by sheep and hogs. It can be pastured off and when stock is removed, if not eaten too close, it will grow up again and give a second crop.

It does best on rather moist land, but will do well on any good soil. The seed is usually sown broadcast with a grass seed sower using about 5 lbs. or  $2\frac{1}{2}$  qts. per acre. It does best if sown about the middle of August. It can be sown broadcast on corn ground after the last cultivating and will make good pasture after the corn is removed.

There is no better variety than the Dwarf Essex, if it is true to name. The so-called "Victoria" Rape is the same as the Dwarf Essex.

Seed of the genuine **DWARF ESSEX RAPE, postpaid, 20c per lb.** By freight or express, **10c per lb; 10 lbs. for 85c; 25 lbs or more at 8c per lb.**

## SUNFLOWER

Sunflower seed is quite extensively grown for feeding purposes. The seed should be sown in rows  $3\frac{1}{2}$  feet apart and plants thinned to a foot apart in the rows. Treat the same as corn.

**MAMMOTH RUSSIAN.** This is the variety commonly used to produce seed. The heads are often one foot across, and are filled with large striped seeds, which makes most excellent food for hens. **Pkt. 5c; oz. 8c;  $\frac{1}{4}$  lb. 15c; lb. 25c, postpaid.** By express, **15c per lb; 5 lbs. or more at 10c per lb.**



## KAFFIR CORN

This is a variety of Sorghum and produces much larger crops of grain than any other kind. It is largely grown for both grain and fodder in the southwestern states. It will produce 50 bushels grain per acre and it is excellent for chickens, hogs, etc. It is not affected by dry weather to any extent and yields good crops when other grains fail on account of drought.

When raised for grain sow 6 to 8 lbs. seed per acre and cultivate same as corn. For hay, drill in about a bushel of seed per acre, using all teeth of grain drill.

**RED KAFFIR.** This is the most productive variety.

By mail, postpaid, **20c per lb.** By freight or express, **Pk. 60c; bu. (50 lbs.) \$2.25; per 100 lbs. \$4.00.**

## HAIRY or SAND VETCH

(*Vicia Villosa*)

Vetches have lately come into favor as catch crops or "Nitrogen gatherers." The plant is hardy and when sown in the fall will protect the ground in the winter and furnish a good crop

of green forage in the spring, or it may be plowed under to enrich the land. The plant is very much like a fine-leaved pea vine and grows three or four feet long. The seed should be sown in the fall, in this latitude about September 1st, and later further south. It does not succeed sown in the spring. It is well to sow a small amount of rye with the seed to support the vines. It requires about 40 pounds of seed per acre. By mail, **25c per lb.** By express, **15c per lb; 10 lbs. \$1.40; 100 lbs. \$12.50.** Prices subject to market changes. Lowest prices will be quoted by letter at any time.

**Spring Vetch.** (*Vicia Sativa*.) This variety is similar to the above but have larger leaves and grow better when sown in the spring. It is, however, far inferior to Hairy Vetch sown in the fall. In our experience the Spring Vetch has not proved hardy here, and we do not advise it for fall sowing, except in the south, where it is largely grown. It is often called "Winter Vetch" in the south. By mail, **25c per lb.** By express, **10c per lb; 10 lbs. 60c; 25 lbs. \$1.35; 100 lbs. \$5.00.**

## WINTER WHEAT, RYE, ETC., FOR FALL SOWING

The seeds offered below are of this year's crop now growing and will not be ready for delivery before August. We will issue at price list of seeds for fall sowing the first of August. If you wish a copy please ask for it and it will be mailed when issued.

**Winter Wheat, St. Louis Prize.** A bald or smooth chaff red wheat that has proved a superior variety both as to yield and quality. The berry is medium short, plump and heavy. The straw is strong and stiff; heads of good length compact and well filled. A strong grower and resists the fly better than other kinds. *Price on application.*

**Winter Wheat, Red Wave.** Has long well-filled heads and large, heavy red grain. A fine variety. *Price on application.*

**Winter Rye, New Pitkus.** This new Russian Rye is much superior to common rye, the berry being larger and of lighter color and the heads longer and the yield larger. We shall have a good lot of this new rye to offer in August.

*Write us for description and price.*

## GRASS AND CLOVER SEEDS

*We sell only the highest grades of grass seeds. They are practically pure and are all tested for germination before we send them out.*

If you want **this kind of seed** write us for sample and prices. You can get seed of ordinary quality at the corner store.

The prices quoted below are for the seeds delivered to railroad or express companies here, the purchaser to pay freight or express charges.

*Please write us for samples and prices when ready to buy grass seeds, stating what will be needed.*

**Good Seed is the Cheapest.** Good pure seed of clover, timothy or other grasses costs more per bushel than low grade seeds, but when you come to figure it out the *high-grade seed is the cheapest.* Take for example this case. We sold some time ago a quantity of high grade Alfalfa seed to one of our customers at \$16.00 per bushel, when seed was high. He sowed 12 lbs. or 6 qts. per acre. His neighbor on an adjoining farm sowed at the same time 25 lbs. or 13 qts. per acre of Alfalfa seed he bought at \$2.00 per bushel cheaper than we charged. It cost the one who bought high grade seed \$3.15 per acre and the one who bought low priced seed \$5.85 per acre. The result was that the 12 lbs. of good seed gave a perfect stand, as thick as could be desired, while the 25 lbs. of cheap seed made only a fair stand of plants.

If seed is to be sent by mail add 10c. per pound for postage.

**High Grade Alfalfa Seed.** It is a good deal of work to get a field of Alfalfa started right, but when you have it established it will last for a good many years and prove more profitable than most gold mines.

You can't expect perfect success unless you use good seed—the very best seed. There are other points to be considered also, but the seed is of great importance. A great deal of low grade seed is sold. It usually contains many weed seeds, dead seed and other impurities, the worst of which is **dodder.** Such seed is very expensive at any price.

We are glad to be able to offer some very pure, clean, bright Alfalfa seed, grown in the Northwest. This seed has been examined by the U. S. Department of Agriculture and found to be entirely free from dodder, Trifol and Burr Clover and to be over 99½% pure and germinates 90%. It is the finest Alfalfa seed of the 1912 crop we have seen. There could hardly be anything better.

This seed cost a lot more than common seed but it is better worth 50 cents per lb. than common seed is worth 10c. **Price per lb. 35c; (by mail 45c); 10 lbs. 25c per lb.; 50 lbs. or more 23c per lb. or \$13.80 per bu. of 60 lbs. It only**

requires 12 to 15 lbs. of this high grade seed to sow an acre. 25 to 30 lbs. of ordinary seed would be required to get the same results.

**Culture of Alfalfa.** The seed may be sown either in the spring or in August. The ground should be very thoroughly prepared and should receive a dressing of about 1,000 lbs. lime per acre. Sow 15 to 25 lbs. of seed per acre, depending on the quality of the seed and how well the land is prepared. For August seeding plow the land early, (this is important,) and keep it well worked and free from weeds until the seed is sown.

It is well to sow a small quantity of barley when sowing Alfalfa in the spring. Cut this for hay when it heads out and before it gets ripe.

**ALSIKE CLOVER.** Grows well on low, wet land, where Red clover will not do well. For heavy or wet land it is a good plan to mix Alsike and Red Clover, using about half as much Alaska as Red. There is a great difference in grades of this seed. Low grades contain as much as 50% impurities and dead seed. We offer only the best and purest seed. **Per qt, 55c; pk. \$4.00. Write for prices per bushel.**



**Crimson Clover.** Used very extensively for plowing under to enrich the land and as a cover crop. It is usually sown in August, and will make a good growth before winter. Should be sown on all bare pieces of ground in August and September. Extra fine seed, **pk. \$1.50; bu. \$5.75.**

**RED CLOVER, Medium.** This is the common Red Clover so extensively grown. We can furnish the highest grade of seed free from dodder, and over 99% pure. We shall be glad to send sample and quote lowest possible price at any time. This high grade seed costs but little more than seed of ordinary quality and is worth very much more. **Lb. 30c; pk. about \$3.50.**

**RED CLOVER, Mammoth.** Also called "Pea Vine" clover. This variety grows larger and coarser than the medium and is not as valuable for hay. Most dealers sell medium and Mammoth Red Clover seed out of the same bag, so it is rather difficult to get any pure seed of the Mammoth. We have bought a lot of very fine, clean seed of an Ohio grower which is claimed to be pure and genuine Mammoth, price of which will be quoted by letter at any time. **Peck about \$3.60.**

**White Clover.** Used principally for lawns and sheep pasture. **Per lb. 35c; (by mail, 45c); 10 lbs. or more at 40c.**

**BROMUS INERMIS or Awnless Brome Grass.** A good grass for dry climates. Will make a strong growth on land too dry for other grasses to grow. Highest grade seed. **Per lb. 20c; 10 lbs. at 16c per lb; 50 lbs. or more at 15c per lb.**

**English Perennial Rye Grass.** A desirable grass for hay and pasture. **Per lb. 10c; bu. (24 lbs.) \$1.85; \$7.75 per 100 lbs.**

**Italian Rye Grass.** An annual grass. Largely grown in the south, where it is used for hay and pasture and also for lawns. **Per lb. 10c; bu. (18 lbs.) \$1.90; \$8.50 per 100 lbs.**

**Kentucky Blue Grass.** One of the best grasses for pasture and lawns. Does not grow tall enough to make large yields of hay. **High grade seed, 20c per lb; (by mail, 30c); bu. (14 lbs.) \$2.25; \$13.50 per 100 lbs.**

**Canadian Blue Grass.** A more rapid grower than Kentucky Blue grass and more valuable for hay and equally good for pasture but not as suitable for lawns. This is an excellent pasture grass and should be more largely used. Fancy high grade seed. **15c per lb; (by mail, 25c); bu. (14 lbs.) \$1.50; \$8.00 per 100 lbs.**

**MEADOW FESCUE.** Of great value for permanent pasture and for hay. Does best on strong land. Makes a finer and better quality of hay than Orchard grass. **Per lb. 20c; 10 lbs. or more at 16c per lb; \$15.00 per 100 lbs.**

**TALL MEADOW OAT GRASS.** A valuable grass for meadow and pasture. Starts very early in the spring. **Per lb. 20c; \$18.00 per 100 lbs.**

**ORCHARD GRASS.** A strong growing grass, valuable for pasture and hay. Starts very early in the spring. Highest grade seed **25c per lb; bu. (14 lbs.) \$2.50.**

**RED TOP.** Valuable for low land as it is not injured by water. Grows 2 to 3 feet high, and makes very good hay. Finest re-cleaned seed (weighing 32 pounds per bushel) **18c per lb; 10 lbs. or more 16c per lb.** Unhulled seed (that is seed in the chaff) **per bu. of 14 lbs. \$1.50.** Price variable. Write for samples and price when ready to buy.

**TIMOTHY.** One of the most valuable grasses for hay and pasture. Sow 6 quarts or 9 lbs. seeds per acre. We can furnish choicest re-cleaned seed at market prices. Please write us for samples and price, stating about how much seed will be needed. **Pk. 75c; bu. \$2.75.** Price variable.

## Mixed Grasses for Pastures and Hay.

The usual custom of sowing timothy and red clover for hay is all right when the land is to be left in grass only a year or two. It to be left longer some other grasses should be used, as Red Clover soon dies out and timothy does not afford a good second growth for pasturage after the hay is cut.

When the land is to be pastured and not cut for hay, other kinds of grasses should be used, as those which produce the best crops of hay are not as well adapted for pasturage as some other kinds which make a thick close turf. Much better results could be obtained if people would use the kinds of grasses best suited to the purpose for which they are raised instead of using the same kinds for all purposes and all soils.

With these ideas in view we have made up mixtures of seeds of various grasses best suited to produce hay and others to make permanent pasture. The seeds used are all of the very highest quality in every case.

The seed may be sown in the spring or in August or September. The quantity required for an acre depends on how well the soil is fitted and how rich it is. Poor land half fitted requires more seed than rich soil well prepared. For average conditions we recommend 25 to 30 lbs. of seed per acre.

**For Permanent Pasture.** The grasses in this mixture are those which make a close compact growth and which are not injured by continuous pasturing. Some start very early in the spring and others are at their best late in the fall, and still others make their best growth in the summer, so the pasture is always productive throughout the season. **Price, 17c. per lb; 100 lbs. \$15.50.**

*NOTE. Please state when ordering whether the land is high and dry or low and moist, so we can send a mixture of grasses best suited to the soil.*

**For Hay.** When it is desired to seed down land to be left in grass for hay for a number of years, we recommend the use of the grasses in this mixture. Two crops can usually be cut in a season, or the land can be pastured after the first cutting and will afford excellent feed, in strong contrast to timothy fields, which always look brown and make very little second growth after the hay is cut.

The grasses in this mixture mature earlier than timothy and should therefore be cut earlier to get the best quality of hay.

**For light and dry land. 16c. per lb.; 100 lbs. \$15.00.**

**For moist and heavy land. 17c. per lb.; 100 lbs. \$16.00.** In ordering please state which you want.

This mixture contains White and Alsike clover. For fall sowing these may be left out and sown separately in the spring.

## Harris' Lawn Grass Seed.

Nothing but the very best and purest seeds of grasses suited to the purpose should be used for seeding a lawn. There are only a few kinds adapted to lawns, and we have made up a mixture of these in the proper proportion of each kind, using only the highest grade and purest seed obtainable. This is Harris' Lawn Grass Seed, and it will be found just what we say it is—the best lawn grass seed that can be procured.

For general use on good rich soil, not much shaded, use our regular lawn grass seed at the rate of about one pint ( $\frac{1}{2}$  lb.) to 100 square feet. The ground should be rolled after seeding unless it is very wet.

For seeding under trees and other shady places use our mixture for shady lawns at the same rate as above.

**Harris' Lawn Grass Seed.** By mail **45c. per lb. ( $\frac{1}{2}$  qts.)**

By express, **lb. 35c; pk. (6 lbs.) \$1.75; bu. (24 lbs.) \$5.50.**

**For Shady Lawns.** Although no grass will grow on land that is entirely shaded during the whole day, the grasses in this mixture will thrive in places where ordinary kinds would die in a few months after seeding. By mail **75c. per lb.** By express, **lb. 65c; 5 lbs. or more at 60c. per lb.**



# FLOWER SEEDS

**Annual and Perennial Flowers.** Flowers like Asters and Sweet Peas, which bloom but one season and die in the fall are called "Annuals." Those that live through the winter and bloom year after year are called "Perennials." Some perennials bloom the same year that the seed is sown, but some do not bloom till the next year. Most of the flowers in this catalogue are annuals. Where they are not it is so stated.

## Culture of Flowers.

Our little pamphlet on the culture of vegetables and flowers gives directions for raising the more popular kinds of flowers. It will be sent with all orders for seed to the amount of 50 cents or more,

when requested. Ask for "Cultivation Pamphlet."

## New Varieties.

We offer some new varieties of flowers this season which we have found to be of real value. They will be found described under their proper heads (arranged alphabetically) in this catalogue.

## 50c. Worth of Flower Seeds Free.

We will send Flower Seeds in packets amounting to \$1.50 at our catalogue prices, for \$1.00.

This offer is for seeds in packets only and does not include seeds ordered by the ounce or pound, nor any combination offer marked "Net."

To take advantage of this special offer the seed must be ordered in packets at our regular catalogue prices for single packets.

**Abronia.** A beautiful California plant, trailing along the ground and resembling the Verbena. It has fragrant flowers, lilac and rose colored, and continues to bloom all through the summer and autumn. **Pkt. 5c.**

**Ageratum.** Very pretty blue and white flowers growing on plants 8 to 10 in. high. Especially useful for beds and borders, as the plants are covered with flowers all summer. **Blue, pkt. 5c. Pure white, pkt. 5c.**

**Amaranthus.** The plant grows four or five feet high and bears long tassel-like flowers of a deep red color. **Pkt. 5c.**

## ALYSSUM

A very pretty little plant, covered with pure white sweet-scented flowers, which are produced all through the summer.

**Sweet Alyssum. Pkt. 5c; 3 pkts. 12c; oz. 25c.**

**LITTLE GEM.** A new dwarf variety, growing only a few inches high, but the plant spreads out to a foot in diameter and is covered with compact spikes of white flowers all summer. To get the best results the plant should be thinned to a foot apart. **Pkt. 5c; 3 pkts. 12c.**

## ASTERS

Asters are easily grown and make a beautiful display of large, handsome flowers during August and September. Seed can be sown in the open ground in May and the plants will flower in September. Earlier flowers can be obtained by sowing the seed in boxes in March and setting out the plants in the open ground in May or June. Market gardeners find it quite profitable to raise a few asters to sell in the market. There is always a good demand for them, especially if the best varieties are raised.

The best aster seed sold by the leading seedsmen in this country is raised here on neighboring farms, some of which raise as many 10 acres of asters for seed.

**Crego Asters.** *The Crego surpasses in size and beauty any*

*aster we have ever seen.* The flowers are simply immense, five to six inches in diameter, and are produced on strong stems often two feet long. The flowers are of beautiful form, with very long and gracefully curled petals. They are extremely double and very few show any yellow centers. We are sure all who try the new aster will be pleased with it.

Florists and gardeners will find the Crego aster a most profitable flower to raise. Its immense size, handsome form and long stems, make it command the highest price in any market. We offer seed of our own growing from the best flowers only, all inferior plants being rejected.

**Crego Pink.** Very light shade of soft pink deepening as the flower opens. This is by far the largest and handsomest of the Crego asters. **Pkt. 10c; ¼ oz. 50c; oz. \$1.50.**

**Crego White.** Pure white flowers of very large size and fine form. The white variety is however not quite equal in size and beauty to the pink. It is however one of the very finest white asters. **Pkt. 10c; ¼ oz. 60c; oz. \$2.00.**

**Crego Mixed.** Composed of pure white, deep red, lavender and pink. The flowers of these different colors are not all as large and handsome as the Pink Crego. **Pkt. 10c; ¼ oz. 50c.**

**Rose King.** This is the handsomest rose colored aster we have seen. The flowers are large, full and of a beautiful shade of red, bright and glowing. The plants are of strong vigorous growth and produce the flowers on long strong stems often two feet in length. A grand aster to raise for market as well as the home garden. **Pkt. 10c; ¼ oz. 75c; oz. \$2.50.**



Crego Aster. (Photograph.)



**New "Peerless Pink" Aster.** This new variety was found in a field of Crego Pink asters and differs from that variety in having wider petals which are more incurved forming a flower of greater substance and more round and full. The color is like Crego Pink but a little deeper. The plants are of upright growth and they stand straight up on long stems. **Pkt. 15c; 2 Pkts. 20c.**

**Lavender Gem.** An early flowering new aster of a pleasing shade of lavender. The flowers are large with long twisted petals, very full and double. The plant is of moderate growth, branching near the ground, and the flowers are borne on long slender stems. This we think is the best early aster of this color. **Pkt. 10c; 3 pkts. 25c.**

**DAYBREAK.** An early flowering variety with very double flowers of symmetrical form and large size. The color is nearly white but with a slight tinge of pink. The plants produce great numbers of flowers, all of which are large and handsome. **Pkt. 10c; 3 pks. 25c.**

**Hohenzollern Asters.** These are superb asters with immense flowers produced on stems often two feet long.

**Hohenzollern—White.** One of the largest and finest white asters. **Pkt. 10c**

“ **Brilliant Rose.** A bright rose-colored aster - - - **10c**

“ **Mixed.** The above two varieties mixed - - - **10c**

**Semple's Pink Branching.** This is one of the handsomest asters. The flowers are large and of fine form, with long, gracefully curled petals, and are of a beautiful shade of clear light pink. They are borne on long, slender stems, so that they are very graceful when used as cut flowers for decorative purposes. The plants make a strong growth and produce great numbers of large, perfectly double flowers. We have a very fine strain of this variety. **Pkt. 8c; 3 pkt. 20c; ¼ oz. 45c; oz. \$1.50c.**

**SEMPLÉ'S BRANCHING, Mixed Colors.** These asters are similar to the Pink Branching described above, except in color. We have a mixture of the best colors yet obtained in this class. **Pkt. 8c; 3 pkt. 20c; ¼ oz. 35c.**

**WHITE BRANCHING.** The flowers are of a slightly different form from those of the Semple's Branching, the petals being broader and not so much incurved in the center. This variety is one of the most graceful of all white asters, and the plant produces a large number of flowers for a long time. The flowers have long stems and are of good size and fine form. Flowers rather late and continues until frost. **Pkt. 8c; 3 pkt. 20c; ¼ oz. 40c.**

**ROSE BRANCHING.** A very handsome rose-colored aster, of fine form and charming shade of color. **Pkt. 10c; 3 pkts. 25c.**

**ROYAL PURPLE.** The flowers are of large size perfectly double with incurved petals and of a deep shade of royal purple. Blooms quite early and has long graceful stems. **Pkt. 10c; 3 pkts. 25c.**

**PAEONY FLOWERED PERFECTION.** The flowers are large and double, with incurved petals, producing a perfect ball. Plants grow 20 inches high and are covered with flowers. Our seed is a mixture of the most beautiful colors. **Pkt. 10c; 3 pkts. 25c.**

**New "Violet King" Aster.** A very handsome Aster of fine form, and of a beautiful shade of light purple or violet. The flowers are very large, and are produced on long stiff stems, so that they make handsome cut flowers. The plant is a very vigorous grower, healthy and produces a great number of flowers all through the fall. **Pkt. 10c; ¼ oz. 50c.**

**GIANT WHITE COMET.** This is one of the largest white asters. The petals are curled and twisted like a chrysanthemum, which gives the flower a very pleasing effect. The plant makes a strong stocky growth, and is covered with immense, pure white flowers of good form. **Pkt. 8c; 3 pkts. 20; ¼ oz. 35c.**

**Giant Comet, Mixed Colors.** Flowers same as Giant White Comet, but of various colors. **Pkt. 8c; 3 pkts. 20c; ¼ oz. 35c.**

**OSTRICH PLUME, Terra Cotta.** A very unique and charming aster having long twisted petals. The flowers are large and of a beautiful shade of salmon pink, a color not often seen in asters. Every one should have some of this variety. **Pkt. 10c.**

**SPECIAL OFFER. Four of the Best Asters.** We will send one packet each of Crego Pink, Crego White, Rose King and Royal Purple for **25c net.** This will give a collection of the very finest Asters of four distinct colors that are most desired.

**CHOICE VARIETIES OF ASTERS MIXED.** This mixture is composed of seed of Crego Pink, White Branching, Semple's Pink Branching, Comet, Violet King, Daybreak, Peony-flowered Perfection, Hohenzollern and Royal Purple. **Pkt. 8c; 3 pkts. 20c.**



Semple's Pink Branching Aster.  
(From a Photograph.)

**ASTER PLANTS.** We can furnish plants of the following varieties of Asters (which are the best kinds) ready to set out about June 1st. These plants will produce very handsome flowers in August:

**CREGO PINK.**  
**CREGO WHITE.**  
**ROYAL PURPLE.** Dark Purple.  
**SEMPLÉ'S PINK BRANCHING.** Shell Pink.  
**ROSE KING.** Bright rose color.  
**VIOLET KING.** Light purple or violet.

These varieties include all the most desirable colors.

Price of Plants. By mail, 40c per doz. By express, doz. 30c; 50 plants \$1.00; 100 plants \$1.75.

## BACHELOR'S BUTTON or Cornflower.

(*Centaurea Cyanus.*)

A very popular flower and one that everybody can have, as it is as easy to raise as a weed. Plants grow two or three feet high and bloom continuously.

**NEW DOUBLE.** Flowers larger than the common Bachelor's Button, and part of them are semi-double. The handsomest variety. Flowers produced in the greatest profusion all summer. Mixed colors. **Pkt. 5c; 3 pkts. 12c.**

**Emperor William.** Single flowers of a deep clear blue, and of large size. **Pkt. 5c; 3 pkts. 12c.**

**Mixed Colors.** A mixture of the best single varieties. **Pkt. 5c; 3 pkts. 12c.**

**VICTORIA.** A dwarf variety, growing only eight inches high, and covered with dark blue flowers all summer, Very pretty for edges or borders. **Pkt. 5c; pkts. 12c.**



**BALLOON VINE.**

A rapid growing vine with white flowers, followed by seed vessels resembling small balloons. Sow in May. Pkt. 5c.

**BALSAMS**

These charming flowers can be easily grown in the open ground, and will flower abundantly early in the summer. To get best results the plants should be thinned out to a foot apart.



Double Camellia-Flowered Balsam.



White Rocket Candytuft

**CANDYTUFT**

Candytuft is a very hardy plant, easily grown, and flowers all summer. It is a universal favorite, and is used for beds, borders, pots, etc.

**EMPRESS.** An improved variety producing very long spikes of bloom resembling a White Hyacinth. This is certainly the finest white Candytuft. Pkt. 5c; 3 pkts. 12c.

**Dunnett's Crimson.** Flower of a light shade of red. Pkt. 5c; 3 pkts. 12c.

**WHITE ROCKET.** Large spikes of pure white flowers. Pkt. 5c; 3 pkts. 12c; oz. 25c.

**White, Sweet Scented.** The well known sweet-scented candytuft. Pkt. 5c; 3 pkts. 12c; oz. 20c.

**Mixed Colors.** A mixture of the pink, purple and white varieties. Pkt. 5c; 3 pkts. 12c; oz. 25c.

**PERENNIAL, White.** (*Sempervirens*.) Hardy Candytuft that will last for years and bloom very early in the spring before other flowers have started. The flowers are larger than the annual kinds, and are very handsome. Very useful for borders and also largely used in cemeteries. Perfectly hardy Pkt. 10c.

**CANNAS**

The seed should be sown in a box or pots in February or March, and the plants set out when danger of frost is past.

**Canna Seed.** The handsomest named varieties of Cannas can only be grown from bulbs, but some very nice ones can be raised from seed. We offer seed of the large flowering French Cannas, which are by far the finest Cannas grown. Soak the seed in warm water for a few days before planting. Pkt. 10c; oz. 25c.

**CANNA BULBS.** See page 70.

**COLUMBINE (Aquilegia.)**

A hardy perennial, easy of cultivation. The abundance of showy flowers early in the season, and their peculiar formation, render this plant well worthy of a place in every garden. The plants form large clusters, from which their graceful flowers stand on long, slender stems about 1½ to 2 feet high. The plants do not flower the first season from seed, but will flower early the following summer and last for many years.

**Double, Mixed Colors.** The double-flowered kinds are not as large as the single varieties, and in our opinion are not as handsome. Pkt. 5c; 3 pkts. 12c.

**COERULEA.** Flowers of the largest size and of a beautiful shade of violet blue, with white centers. One of the very handsomest single varieties. Pkt. 10c; 3 pkts. 25c.

**NEW LARGE FLOWERING HYBRIDS.** Composed of some beautiful new long-spurred varieties, hybrids of the blue and white Coerulea described above, with very large single flowers of various charming colors. Pkt. 10c; 3 pkts. 25c.

**Double Camellia-Flowered.** The flowers are perfectly double, and grow so thickly on the stems that the plant resembles a mass of bloom from top to bottom. Our seed is of the very finest strain, producing perfectly double flowers of the best form and largest size. Mixed colors, pkt. 8c; Pure White, pkt. 10c.

**Double Spotted.** Large semi-double flowers, spotted with various colors. Very pretty. Pkt. 5c; 3 pkts. 12c.

**Rose Flowered.** Very pretty rose-like flowers most of which are double. Pkt. 5c; 3 pkts. 12c.

**CLARKIA**

Plants 2 feet high and covered with long spikes of very pretty double flowers. These are graceful and ornamental plants and should be more generally grown. Easily raised from seed sown in the open ground in the spring.

**Clarkia elegans, Double Mixed Colors,** pkt. 5c; 3 pkts. 12 cts.

**Carmine Queen.** A very attractive new variety of Clarkia that should be better known. The flowers are large, double and of a very pleasing shade of carmine pink. A much handsomer flower than any Clarkia we have seen before. The flowers are produced in sprays a foot long and make very useful and attractive cut flowers. Pkt. 10c; 3 pkts. 25c.

**CASTOR OIL BEAN. (Ricinus)**

A very effective plant for lawn decorations or screens. Plant the seed when the soil is warm and where the plants are to grow. It is well to put three or four seeds in a place and thin to one good plant.

**CAMBODGENCIS.** This is a most attractive and gorgeous variety. The plants grow rapidly, and the dark, reddish bronze leaves with large red veins present a most luxuriant and striking appearance. When young the leaves and stems are reddish brown, while the main stem is a lustrous black, producing a gorgeous effect. Pkt. 5c; oz. 25c.

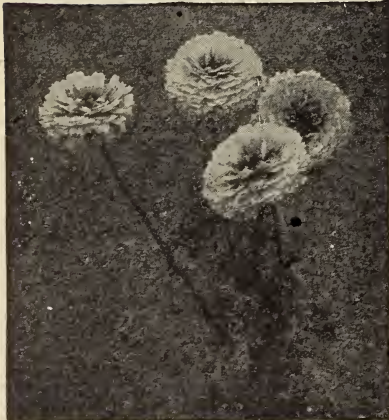
**ZANZIBARIENSIS.** The largest variety, often growing 12 feet tall with enormous leaves measuring over two feet across. The leaves are green, while the stalk, stem and veins of the leaves are red, brown and yellow, producing a gorgeous display of color. Pkt. 5c; oz. 25c.





New Marguerite Carnation.

## CHRYSANTHEMUMS



White Pearl Chrysanthemum. (Photograph)

The annual Chrysanthemums raised from seed are entirely different from the large Japanese varieties grown in green-houses. The annual kinds have small flowers of bright colors and fine dark green foliage. Very easily grown from seed sown in the spring in the open ground.

**WHITE PEARL.** A very handsome annual chrysanthemum with pretty double white flowers, slightly yellow in the center. The plants grow three feet high and are covered with hundreds of flowers during the summer and fall. This is the finest variety we have seen. **Pkt. 5c; 3 pkts. 12c.**

**Dunnett's New Double Yellow.** Medium size double flowers much like the White Pearl, except in color, which is a pleasing shade of yellow. Flowers profusely from summer until late in the fall. **Pkt. 5c; 3 pkts. 12c.**

**Coron, Double White.** Very popular; almost perfectly double and continues in bloom very late in the season, **Pkt. 5c; 3 pkts. 12c.**

## CARNATIONS

The largest and finest Carnations can only be grown in green houses, but the early flowering kinds described below produce very handsome flowers, and will bloom in the open ground during the late summer and fall if the seed is sown early in the spring in boxes placed in the house window and the plants set out in the open ground when danger of frost is past. These carnations will flower until late in the fall and then may be taken up and will flower for a long time in the house.

**Marguerite.** The earliest flowering variety of Carnation and has large, handsome flowers. The plant is of a robust, upright growth and needs no support. Plants commence to flower early and continue for a long time. Mixed colors. **Pkt. 8c; 3 pkts. 20c.**

**New Giant Marguerite.** A new and improved strain with very large flowers produced on longer stems than the older kinds. This is the finest Carnation that can be raised in the open ground. **Pure White, pkt. 10c. Mixed Colors, pkt. 10c. 3 Pkts, 25c; ¼ oz. 50c.**

**CARNATION PLANTS.** We can furnish plants of the New Giant Marguerite at 40c. per doz., postpaid.

## CALLIOPSIS

One of the most charming and attractive of annual flowers, easily grown and producing an abundance of flowers all through the summer and autumn.

**GOLDEN WAVE.** A most attractive and beautiful flower. The plants grow about 15 inches high, and are covered with bright golden yellow cup-shaped flowers with maroon centers. A row or bed of these plants with their long, graceful stems and bright foliage, in contrast with the bright color of the flowers, presents a most pleasing sight. **Pkt. 5c; 3 pkts. 12c.**

**Bicolor.** The plants grow two feet tall, and produce a profusion of bright-colored flowers about an inch in diameter, of every shade of yellow, brown and maroon, on long graceful stems. Very easily raised and will flower all summer. **Pkt. 5c; 3 pkts. 12c.**

## COBEA SCANDENS

A very rapid-growing climber. From seed planted in the spring the vines will very often grow thirty feet before fall, producing large, bell-shaped flowers, of a deep violet blue color. **Pkt. 10c; 3 pkts. 25c.**

## CENTAUREA

Centaureas form a class of hardy, vigorous-growing annual flowers, of which Bachelor's Button and Sweet Sutton are familiar examples. The variety we offer below is by far the largest and handsomest flower of this class.



Centaurea Imperialis.

**Centaurea Imperialis.** These beautiful flowers often grow two inches in diameter, and have long, graceful stems. The plant is a vigorous grower and blooms for a long time. Seed sown in the open ground in the spring will produce flowering plants in July, and they will continue to flower until fall. A light frost does not injure them. The flowers are pure white, lavender and lavender and white. These Centaureas are certainly a great addition to our hardy annual flowers, and we are sure they will please all who raise them. **Pkt. 5c; 3 pkts. 12c.**

**Centaurea Cyanus.** See Bachelor's Button, page 58.

## CALENDULA

A very charming flower, belonging to the Marigold family and cultivated in the same way.

**Large Double-flowered Meteor.** A beautiful variety, with large, golden-yellow flowers, having each petal striped with orange. The flowers are perfectly double, often three inches in diameter. **Pkt. 5c; 3 pkts. 12c.**



## CANTERBURY BELLS

(*Campanula medium.*)



Canterbury Bells.

An old favorite very common in English Gardens and now extensively grown in America. The plants grow 2 to 2½ ft. high and are covered with pretty bell shaped flowers of various colors. To get good flowering plants the seed should be sown in the summer and the plants set out in the fall where they are to grow and bloom the following summer.

**SINGLE, Mixed Colors.** The old fashioned variety with single bell-shaped flowers. (See photograph.) Pkt. 5c.

**“CUP AND SAUCER.”** (*C. calyanthema.*) Very large flowers with “saucers” 3 or 4 inches in diameter which add much to their beauty. Mixed colors, blue, white and pink. Pkt. 10c, 3 for 25c.

For plant, see page 70.

## COCKSCOMB

(*Celosia.*)

Easily grown and very showy and brilliantly colored plants. Sow the seed in the open ground where the plants are to grow.

**THOMPSON'S MAGNIFICENT.** A very handsome new variety that should be better known. The plants grow two to three feet high, and are covered with long, graceful plumes of most intense crimson, scarlet and yellow. There is no flower that will produce such a brilliant mass of colors as this. The plants are rapid growers and will flower from July until frost, and present a most attractive bit of color in any garden. We offer two colors separate. **Crimson, Pkt. 5c; Golden Yellow, pkt. 5c.**

## COSMOS

One of the most attractive and useful flowers, now becoming very popular. The plants grow three to five feet high, with long graceful stems and fine feathery leaves. The flowers resemble single dahlias, but not quite so large, and are very pretty and attractive for table or house decoration. The plants will endure considerable frost and will flower until late in the fall.

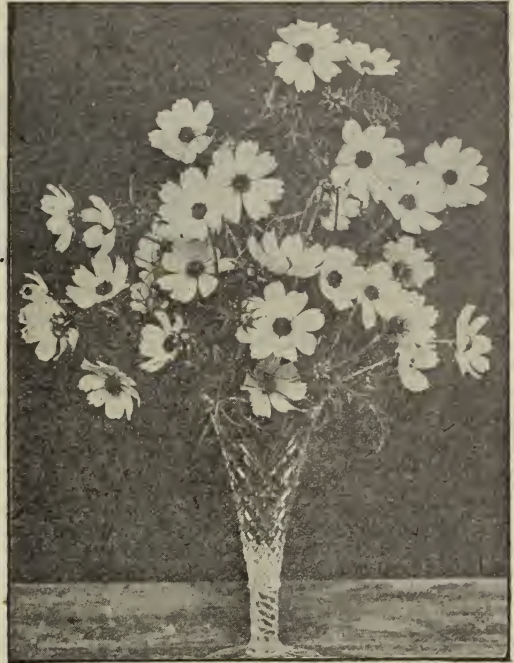
**NEW EARLY FLOWERING COSMOS.** This is an early flowering variety of Cosmos, with flowers as large as those of the old varieties and will flower a month earlier. Seed sown in the open ground in May will produce flowering plants in August, which will continue flowering all through the fall. A very attractive and beautiful flower for cutting or for decorating gardens and lawns.

**White, pkt. 8c; 3 pkts. 20c.**

**Pink, very pretty shade of light pink, pkt, 8c; 3 pkts. 20c.**

**Mixed Colors.** The colors are of various shades of lavender, purple and pink, as well as pure white. Pkt. 5c; 3 pkts. 12c; ¼ oz. 20c.

**MAMMOTH FLOWERING COSMOS.** The flowers of this improved Cosmos grow very large, often measuring three inches in diameter, and are of the most delicate colors, shading from pure white to deep red and purple. The plants



Cosmos, Early Flowering. (Photograph)

grow from four to five feet high, and the flowers have long, graceful stems, and are most attractive and beautiful. In order to get them to flower early in the fall in this latitude the seed should be sown in pots or boxes in March and the plants set out in the open ground in May. Pkt. 8c; 3 pkts. 20c.

**LADY LENOX.** A new mammoth Cosmos with extra large flowers of a charming shade of shell pink. Pkt. 10c; ½ oz. 25c.

## DAHLIAS.

Dahlias, especially the single varieties, can easily be raised from seed by sowing the seed in a box or pot in February or March, in transplanting into other pots as the plants commence to crowd. Set in the open ground when warm and support with stakes. The plants will flower the first year, and the roots can be saved and will flower much earlier the second year.

**New Single Dahlia.** These are becoming very popular and fashionable flowers. Our seed is a mixture of the finest single varieties with largest flowers and best colors. Pkt. 5c.; 3 pkts. 12c.

**Double Dahlias.** Seed saved from the largest and finest Double Dahlias, and will produce a high percentage of fine double flowers. Pkt. 10c.; 3 pkts. 25c.

## DELPHINIUM, or Hardy Larkspur.

Very ornamental plants, producing long spikes of brilliant flowers. Easily raised by sowing the seed in the open ground either in the spring or August and thinning the plants so that they stand two feet apart. Seed sown early in the spring will sometimes produce plants that flower in the fall. The plants are hardy and will last for years, flowering early in the summer and all through the fall.

**Semi-Dwarf Hybrids.** The spikes of flowers are often two feet long and the flowers are of beautiful shades of blue, ranging from light blue to the deepest indigo. The plants do not grow quite as tall as the old kinds and have longer spikes of flowers. Pkt. 8c.; 3 pkts 20c.

**Annual Varieties.**—See Larkspur, page 61.





Japan Pinks, Double and Single.

## DIANTHUS, or PINKS

There are few annual flowers that will produce such a brilliant display of color for so long a time as the various varieties of *Dianthus*. Seed sown in the spring produces a beautiful display of flowers from July to November. If the plants are given some light protection they will live over winter and flower very early in the spring.

**Double Japan Pink, (*Dianthus Heddeewigi*).** Remarkably large and double, and of brilliant colors. The flowers are as large as the finest Carnations. The plants flower all through the late summer and fall and produce their gorgeous colored flowers in great profusion. Our strain of these pinks is very fine. **Mixed Colors, pkt. 5c; 3 pkts. 12c; oz. 60c.**

**FIREBALL.** A very handsome Double Japan Pink of a clear pure brilliant scarlet, with no purple shade. The flowers are large and double, and resemble a fine bright red carnation. They not only make a brilliant show on the plant but they are very handsome as cut flowers. **Pkt. 8c; 3 pkt. 20c.**

**DOUBLE FRINGED (*D. laciniatus*).** This is a beautiful variety of the Double Japan Pinks. The petals of the flowers are fringed at the edges, which produces a very pleasing effect. The flowers are very large and of many beautiful colors. We consider this the handsomest variety. **Pkt. 5c; 3 pkts. 12c.**

**Double Chinese Pink (*D. chinensis*).** Flowers very double and produced in clusters. Mixed colors. **Pkt. 5c; 3 pkts. 12c.**

**SINGLE DIANTHUS.** The single flowering *Dianthus* makes a most brilliant show of color in the garden. They flower continuously through the summer and fall, and a bed or border of them is very attractive. Mixed colors. **Pkt. 5c; 3 pkts. 12c.**

### HARDY GRASS OR SPICE PINK.

When once started these Pinks will last for years and flower in the spring and early summer.

**Cyclops Pink.** A hardy, ever-blooming and fragrant Pink, which will stand the winter and flower for a number of years. The flowers are single, and semi-double, and of delicious fragrance. They are borne in great profusion from May until frost, after the plant is established; and if the seed is sown early in boxes in the house or hotbed, they will flower the first season. The plants grow from 12 to 15 inches high, and are valuable for bedding as well as cutting. The flowers are of beautiful shades of red and deep pink. **Pkt. 10c; 3 pkts. 25c.**

**Dwarf Double Pinks.** These are the old fashioned "Grass Pinks" but are larger and of better colors than the old kind. The flowers are very double and of a rich spicy fragrance. The plants grow about a foot high and produce a great many flowers. **Pkt. 10c.**

## African "Golden-Orange" Daisy.

(*Dimorphotheca Auarantiaca*.)

A hardy annual flower recently discovered in Africa. It is easily grown from seed sown in the open ground and the flowers are quite unique. They resemble a field daisy in shape, but are of a brighter orange yellow and have longer and narrower petals. The plants grow about a foot high and flower continuously during the late summer. **Pkt. 10c.**

## SHASTA DAISY

This new Daisy originated in California and has met with great popularity. Flowers are like the wild Marguerites but very much larger, often measuring four inches across, and are produced well above the plant on long graceful stems 1 to 2 feet in length, making very handsome flowers for vases and decorations.

If the seed is sown in the open ground in the spring good large plants will be obtained for flowering the following year.

**Alaska.** A much improved variety of Shasta Daisy with very long overlapping petals of the purest white. Well grown flowers are often 5 inches across. **Pkt. 10c; 3 pkts. 25c.**

## ESCHSCHOLTZIA, or California Poppy

A very ornamental trailing plant with silvery leaves and large bright colored, saucer-shaped flowers. The plants spread over the ground two feet or more and their flowers stand above the leaves in great profusion. Very easily raised and will bloom from July to October.

**Golden West.** Large bright yellow flowers. The flowers are larger and handsomer than the old yellow variety. **Pkt. 5c; 3 pkts. 12c.**

**CARMINE KING.** The most beautifully colored variety. The large flowers are of a charming shade of carmine or rose color on both sides of the petals. This is a new kind that will please all who raise it. **Pkt. 8c; 3 pkt. 20c.**

## EVERLASTINGS. (*Helichrysum Monstrosum*.)

These annual Everlastings are easily grown and bloom profusely in September and October. If the flowers are picked when they are but half open they will last for a year or more. The seed is sown in the open ground in the spring.

**Mixed Colors.** A collection of the handsomest colors, from pure white to deep red. Flowers large and double. **Pkt. 5c; 3 pkts. 12c.**



**FOXGLOVE. (*Digitalis*.)**

A hardy perennial, very easily grown and the spikes of flowers are stately and beautiful. Sow the seed in the spring and thin out to a foot or more apart. Foxglove is especially handsome when planted along a wall or fence, or as a background for other flowers. The plants will last for years without any protection.

**GLOXINIOIDES.** The handsomest variety, with very large gloxinia-like flowers. We offer this variety in both pure white and mixed colors.

**White.** The most pleasing color; the large white flowers stand out in marked contrast to the green foliage. **Pkt. 8c; 3 pkts. 15c.**

**Mixed Colors.** All the best colors, mixed. **Pkt. 5c; 3 pkts. 12c.**

**FORGET-ME-NOT. (*Myosotis*.)**

A half hardy perennial easily grown from seed. It does best in a moist, partly shaded situation. It flowers the first season, and will live over winter if given a covering of leaves or other light protection, and will last for a number of years.

**Palustris.** The true Forget-Me-Not. Charming blue flowers with white centers. **Pkt. 5c; 3 pkts. 12c.**

**ROYAL BLUE.** A beautiful new-variety of Alpine Forget-Me-Not with a very large flower of a deep blue—a richer color than other varieties. A fine variety for pot culture as well as the open ground. **Pkt. 8c; 3 pkts. 20c.**

**Sylvatica.** Grows taller than the ordinary variety. The flowers are large, light blue, with yellow eyes. Does not flower the first season grown from seed. **Pkt. 5c; 3 pkts. 12c.**

**GAILLARDIA**

The Gaillardias are very showy flowers and easily raised. They are of two distinct types. The single varieties are perennials, and do not reach perfection until the second year. The double variety is an annual, and flowers the first season only. The seed can be sown in the open ground, and the plants should be thinned from eight to ten inches apart.

**Single Gaillardias.** Very large and showy red flowers bordered with deep yellow. The flowers grow on stems two feet long and are often 3 inches in diameter. **Pkt. 5c; 3 pkts. 12c.**

**Double Gaillardias.** Entirely different from the single variety. The flowers are smaller and they bloom two months after sowing the seed. A very handsome red and yellow flower that makes a pretty show of color in the garden and through the late summer and autumn. **Pkt. 5c; 3 pkts. 12c.**

**GOURDS**

Cultivation similar to squash. The vines can be allowed to run on the ground, but gourds are usually planted where the vines can run over a fence, arbor, or old tree. They are excellent climbers, and the fruit has such a variety of forms and colors that a collection of gourds is exceedingly interesting.

**Dipper Gourds.** The fruit at one end is long and slim and bulges at the other end so it can be used for dippers. **Pkt. 5c; oz. 15c.**

**Japanese Nest Egg.** Fruit white and resembling an egg in size and shape. Does not crack and is not injured by ordinary heat and cold. A vigorous grower and a decidedly ornamental climber. **Pkt. 5c; oz. 15c.**

**MIXED SMALL SORTS.** A mixture of a large number of small ornamental sorts imported from Germany. **Pkt. 5c; oz. 15c.**

**HELIOTROPE.**

This deliciously fragrant flower can be easily raised by sowing the seed in a box in the house in March, and setting the plants out in the garden in May, and they will flower in July and August. In the fall the plants can be taken up, and will flower in the house during the winter.

**Large-Flowering (*Lemoine's Giant*).** Blooms early and the flowers are of the largest size, nearly double the size of the common variety. The colors range from pure white to deep blue. **Pkt. 10c.**

**Plants.** We can furnish Heliotrope plants that will flower early. See page 70.

**HOLLYHOCKS.**

The seed is often sown in July or August, and the plants will then flower early in the following year. They are perfectly hardy.

**CHATER'S SUPERB HOLLYHOCKS.** A magnificent strain of Hollyhocks. The flowers are of the largest size, perfectly double, and grow close together on the stem, forming a mass of the most beautiful flowers, equal to camellias. These are undoubtedly the finest double Hollyhocks grown. **Pkt. 8c; 3 pkts. 20c.**

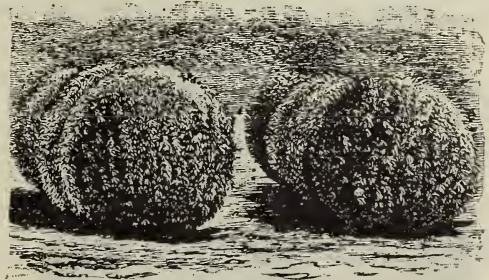
**New Annual Hollyhocks.** Bloom in August from seed sown in the spring.

The seed of these new Hollyhocks may be sown in the spring (May) and the plants will bloom in August, or if earlier flowers are desired the seed may be started in the house in March and the plants set out where they are to grow when the weather is warm. The flowers are semi-double and single, and are of very attractive colors. **Pkt. 10c; 3 pkts. 25c.**

**KUDZU VINE**

(*Pueraria Thumbergiana*). A hardy perennial vine of remarkable rapid growth and valuable for covering arbors, old trees, verandas etc. The foliage is luxuriant and handsome and the flowers are bright purple, of small size and produced in clusters.

The seed may be sown in the spring and the vines will grow 10 or 20 ft. the first season, dying down in the winter and the next season will grow 40 ft. or more. **Pkt. 10c.**

**KOCHIA, or Summer Cypress**

Kochia, or Summer Cypress

A very ornamental plant which forms round bushes  $1\frac{1}{2}$  to 2 feet high, with feathery light green leaves, changing in the fall to bright red so that the whole plant looks like a ball of fire. These little bushes are very pretty at all stages of growth and are especially attractive in the fall. Very easily grown from seed sown in the open ground in the spring. Thin the plants so they stand two feet apart.

**Kochia Trichophylla.** The best variety. **Pkt. 5c; 3 pkts. 12c.**



**LARKSPUR***(Delphinium Ajacis)*

The annual Larkspurs are very handsome plants producing long spikes of flowers often over a foot in length, which stand erect above the leaves of the plant. Easily raised by sowing the seed in the open ground as early as possible in the spring. Earlier flowers can be obtained by sowing the seed in boxes in March and setting out the plants in May.

**Tall Branching.** The plant grows 2 feet tall and produces long spikes of double flowers of many shades of color, including light and dark blue, pink and red. Pkt. 5c; ½ oz. 20c.

**STOCK-FLOWERED, "Rosy Scarlet."** A new and beautiful variety with large double flowers of a very pleasing shade of light scarlet shaded with rose color. This is by far the handsomest Larkspur we have seen. Pkt. 8c; 3 pkts. 20c.

**Perennial or Hardy Larkspur.** See Delphinium page 59.

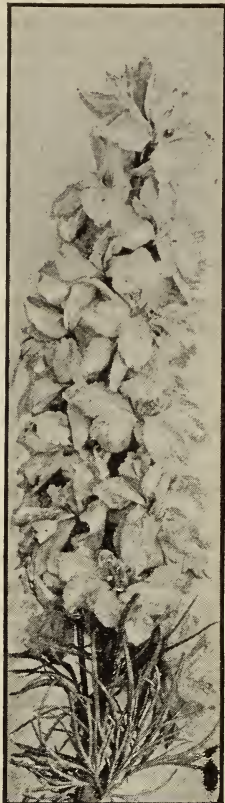
**MORNING GLORY**

Morning Glories make a very rapid growth and produce vines 10 to 15 feet high during the summer from seed sown in the spring.

**MIXED COLORS.** Vary hardy and vigorous vine growing with great rapidity and covered with large, handsome flowers of many colors and markings. May be used to cover fences, walls or outbuildings. Pkt. 5c; oz. 12c.

**NEW JAPANESE.** The Japanese have made wonderful improvements in the Morning Glory. The new Japanese varieties are of large size and the colors and markings are of remarkable beauty. The foliage is also very ornamental, being variegated, striped and marked with different shades of green and white. The vines are not of a vigorous growth as the common Morning Glory, and require extra care. Our seed is of a very fine strain, comprising many plants with variegated leaves and flowers of the largest size and most attractive colors. Pkt. 5c; oz. 25c.

**ROCHESTER.** This is a beautiful variety with very large deep blue flowers, bordered with white on the edges. The vines grow with remarkable vigor and the leaves are of unusual size and cover the whole plant from the ground up. A most ornamental plant. Pkt. 5c; 3 pkts. 12c; oz. 30c.



Larkspur

**MARIGOLDS**

Double African Quilled Marigold.

Marigolds are very easily grown, and are among our most satisfactory annual flowers.

There are two distinct varieties of Marigolds. The French or dwarf varieties grow only about a foot high, and have small bright colored flowers, while the African Marigolds have much larger flowers and grow two or three feet tall.

**Gold Striped.** A double French dwarf variety. Plants grow one foot high, and are covered with bright colored double flowers in the greatest profusion. The petals are a beautiful red brown, margined with bright yellow, producing a very pleasing effect. Pkt. 5c; 3 pkts. 12c.

**Double French Dwarf.** Plants grow about one foot high. The flowers are about 2 inches across, perfectly double and of rich colors, orange, brown and yellow, mixed. Pkt. 5c; 3 pkts. 12c.

**DOUBLE AFRICAN QUILLED.** Plants grow from two to three feet high. Flowers very large, measuring from three to four inches in diameter, perfectly doubled, and with quilled petals. We offer two distinct colors, light yellow and orange, mixed. Pkt. 5c; 3 pkts. 12c.

**MOURNING BRIDE. (Scabiosa.)**

Mourning Bride.

A vigorous growing flower easily raised and produces a great many flowers from August until late fall. The plants grow 2½ feet high and the flowers are 3 in. across, double and of many different shades of color. The seed may be sown in the open ground in May and the plants will flower in August.

**Improved Large Flowered.** The best variety with large double flowers on long stiff stems, very showy in the garden and fine for cutting, mixed colors. Pkt. 5c; 3 pkts. 12c; ½ oz. 25c.

**MIGNONETTE.**

**ALLEN'S DEFIANCE.** This improved variety has magnificent long spikes of flowers which under favorable circumstances sometimes grow over a foot long, and will last a long time after cutting. Pkt. 5c; ¼ oz. 15c; oz. 50c.

**MACHET.** The plants are of a dwarf habit and produce an abundance of very large spikes of flowers, being three times as large as the common kind, and continue in flower much longer. We highly recommend it for house or outdoor culture. The flowers are of a red tinge and the fragrance is delicious. Pkt. 5c; ¼ oz. 15c; oz. 50c.

**Goliath.** A new variety with immense spikes of flowers and very luxuriant foliage. The florets are unusually large and clustered thickly along the stem and are of a bright red color, which gives the flower spikes a most pleasing and brilliant appearance. The fragrance is powerful and delicious. Undoubtedly one of the very best varieties for house culture or open ground. Pkt. 10c; 3 pkts. 25c; ½ oz. \$1.00.

**Golden Queen.** Flowers of a golden yellow hue, large and compact. Pkt. 5c; 3 pkts. 12c.

**Sweet Mignonette.** Very fragrant, largely grown for bees. Pkt. 5c; oz. 10c; ¼ lb. 30c.



**NICOTIANA** This is a handsome annual flower, easily raised from seed sown in the open ground. Plants grow about two feet high and flower from August until frost.

**Affinis.** Long trumpet-shaped white flowers with a delicate and delicious fragrance. **Pkt. 5c.**

**SANDERAE.** A new variety, with bright carmine red flowers. The plant grows two feet tall and of a bushy form, completely covered with large, bright red flowers, being much more prolific of bloom than the old variety. Every one should raise a few plants of this charming new flower. **Pkt. 10c.**

**SANDERAE HYBRIDS.** These new hybrids of *Nicotiana Sanderæ* have flowers of various colors, ranging from light pink to purple and bright red. **Pkt. 10c.**



Lobb's Nasturtiums

## NASTURTIIUMS

There is no flower more easily raised than *Nasturtiums* and they are so graceful and of such beautiful colors that they are more largely grown than almost any other annual flower. They are beautiful in beds and borders, and are also largely grown in hanging baskets and boxes outside of windows and on balconies, and for training on trellises. Seed should be sown about the middle of May in this latitude.

**LOBB'S IMPROVED NASTURTIIUMS.** The vines do not grow so long and rank as the common tall *Nasturtiums*, which often entirely hide the flowers but are covered with a mass of the most brilliant colored flowers of very graceful form. A row or bed of these *Nasturtiums* is unsurpassed for beauty and attractiveness, and will be found a constant source of pleasure. They are among the finest *Nasturtiums* for growing in boxes or baskets, as well as for outdoor culture. Our seed includes the finest varieties, ranging in colors from very dark red to the lightest yellow. **Pkt. 5c; oz. 12c; ¼ lb. 30c; lb. \$1.10.**

**MADAME GUNTER'S HYBRIDS.** These are new and charming varieties of Lobb's *Nasturtiums*, which were selected especially for the beauty and variety of their coloring and size of the flowers. The colors are more varied and more attractive than those of other *Nasturtiums*, and the flowers are of largest size. The foliage is also colored in many instances, which adds to their charm in no small degree. **Pkt. 5c; oz. 12c; ¼ lb. 35c; lb. \$1.20.**

**Tall Nasturtiums.** Very vigorous vines growing 10 to 15 feet long if given support on which to climb; flowers of the largest size and beautiful colors. **Pkt. 5c; oz. 12c; ¼ lb. 25c; lb. 90c.**

**Selected Named Varieties of Tall Nasturtiums.** We offer some new kinds that we have found to be very fine.

They have much larger flowers than the old type.  
**Brilliant.** Glowing scarlet flowers and dark leaved vines. Very handsome. **Pkt. 5c; oz. 15c.**

**Chameleon.** Flowers of the largest size and beautifully marked and colored with various shades of red and yellow combined in the most attractive way. Flowers marked in two or three different ways will often be found on the same plant. **Pkt. 5c; oz. 15c; ¼ lb. 35c.**

**Midnight.** Flowers of a deep rich red brown. The darkest red of all *Nasturtiums*. The large size of the flowers and their rich colorings make them most desirable and attractive. **Pkt. 5c; oz. 15c; ¼ lb. 35c.**

**Rudolph Virchow.** A very handsome rose pink of a bright and rich hue. It is much the finest pink variety we have seen, and should be in every collection. **Pkt. 5c; oz. 12c; ¼ lb. 30c.**

**Spitfire.** Brilliant scarlet flowers. Very bright and pleasing. **Pkt. 5c; oz. 15c.**  
**SPECIAL OFFER.** We will send one packet each of the above five named varieties of *Nasturtiums* for 20 cents net, or one ounce of each for 50 cents.

**New Variegated-leaved Tall Nasturtiums.** A new race of *Nasturtium* with leaves striped and marbled with white and light green on a deep green ground, which gives the vines a very ornamental effect even without the brilliant colored flowers which of course add greatly to their beauty.

The flowers are large and of many bright and pleasing colors, ranging from light yellow and pink to deep red and gold. The seed we offer includes all the best varieties in this class. **Pt. 5c; oz. 15c; ¼ lb. 40c.**

## DWARF OR "TOM THUMB" NASTURTIIUM.

These varieties grow only about a foot high and have flowers nearly as large as the tall growing kinds.

**QUEEN OF TOM THUMBS.** A new variety with ornamental foliage, the leaves being mottled and veined with white. The flowers are of various shades of yellow and scarlet. Very useful for borders, as the plants are quite ornamental even when not in flower. **Pkt. 5c; oz. 15c.**

**MIXED COLORS.** A mixture of the best colors in the Dwarf class with green foliage. The colors are of every shade of yellow, red and pink and the plants are very ornamental. **Pkt. 5c; oz. 15c; ¼ lb. 35c.**

## PETUNIAS.

*Petunias* are particularly useful for beds and masses, where their bright, rich and varied colorings produce a brilliant effect on lawns and in gardens.

**Ruffled Giants.** These new *Petunias* have enormous single flowers, beautifully ruffled on the edges. The colors are of many delicate shades. The plants are of robust habit and vigorous growth. **Pkt. 15c; 2 pkts. 25c.**

**Single Fringed.** These are among the most charming single flowering *Petunias*. The flowers are of the largest size, beautifully ruffled and fringed around the edges and are of the most delicate and charming colors. **Pkt. 20c.**

**Double Flowering Fringed.** The largest and finest of all *Petunias*, but very difficult to raise. The flowers are very large and beautifully fringed. Less than half of the flowers are double, the rest being single. The seed is very small and difficult to germinate, and as it is very expensive great care should be taken not to cover it too deeply or let it dry out. **Packet containing not less than 75 seeds, 25c.**

**NOTE**—The above kinds should be sown in pots or boxes and the young plants transplanted as soon as large enough.

**Single, Mixed Colors.** A mixture of the most brilliant colored, small-flowering single *Petunias*. Well suited for sowing in the open ground for beds and borders. **Pkt. 5c; 3 pkt. 12c.**

## PORTULACA.

Often called "Sun Plant" as it loves a warm sunny place in the garden. Does best on rich loam and sandy soil. The plants run freely but grow only a few inches high and are covered with bright colored flowers all summer.

**Double Rose-Flowered.** The finest of all *Portulacas*. The flowers are double and resembles a small rose. Our seed is the very finest obtainable, and will produce a large percentage of beautiful double flowers of many charming colors. **Pkt. 10c; 3 pkts. 25c.**

**Single, Mixed Colors.** A mixture of the largest and most brilliantly colored single varieties. **Pkt. 5c; 3 pkts. 12c; oz. 35c;**



Single Fringed Petunias.



## PANSIES.

Seed sown in February or March in boxes in the house will produce fine flowers in the summer and all through the fall. If flowers are desired early in the spring seed should be sown in August and the plants wintered in cold frames, but such plants do not stand summer heat well. Seed sown in the open ground in the spring will produce flowering plants in August and September, and these plants may be wintered over with a slight protection of leaves for early flowers the next spring. For Pansy Plants see page 70.

**Triumph of the Giants.** A new and beautiful class with flowers of the very largest size and with frilled edges, producing a very pleasing effect. The colors are unusually rich and varied and the plants are of strong growth. Pkt. 15c; 2 pkts. 25c; ¼ oz. \$1.25.

### Masterpiece or Giant Ruffled Pansies

A strain of Giant blotched pansies with waved or ruffled petals, which give the flowers an unusual and handsome appearance. The flowers are of the largest size and beautiful colors, and the frilled or ruffled petals add greatly to their beauty. The plant is of strong growth and stands well in hot weather. Pkt. 12c; 2 pkts. 20c; ¼ oz. \$1.00.

**MASTERPIECE EXHIBITION.** This strain is made up by selecting the handsomest colors and largest and most perfectly formed flowers of the Giant Ruffled type. Those who want to raise the very finest Ruffled Pansies that can be obtained should certainly use the "Exhibition" strain. Pkt. 20c; 3 pkts. 50c.

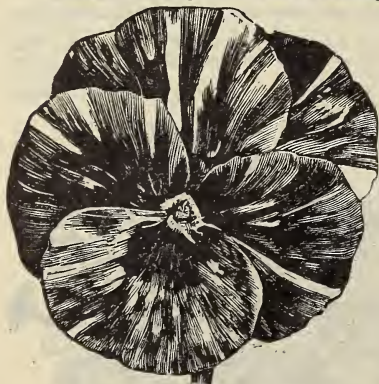
**Bugnot's Superb Pansies.** This strain comprises a great variety of the richest and rarest colors and most beautiful marked pansies, which are so much admired by all lovers of this flower. The flowers are large and all five petals are blotched with deeper color than on the edges and many flowers are veined and marked in a beautiful and interesting way. Pkt. 15c; 2 pkts. 25c; ¼ oz. 85c.

**BUGNOT'S BROWN VARIETIES.** This mixture is composed exclusively of the brown shades of Bugnot's Superb Pansies, which are always so much desired. They are very handsome pansies and the colors are quite novel. Pkt. 10c.

**Trimardeau or Giant Pansies.** These are the largest pansies grown. The flowers are of good colors and of good form and the plants make a vigorous growth and flower continuously. A very satisfactory variety. Pkt. 10c; 3 pkts. 25c; ¼ oz. 60c; oz. \$2.00.

**STRIPED AND MOTTLED PANSIES.** This class comprises some of the most interesting and attractive pansies, the flowers being striped and marked with a great variety of colors, making them very interesting and beautiful. Pkt. 10c; 3 pkts. 25c; ¼ oz. 35c.

We will send one packet each of Bugnot's, Trimardeau and Striped and Mottled Pansies for 25c net.



Striped and Mottled Pansy.



Masterpiece or Ruffled Pansy.

**A Mixture of Magnificent Pansies.** Among the largest, and most beautiful strains of Pansies are Bugnot's Superb, Odier or Giant Stained, and Cassier's Giant Blotched Pansies. These three embrace a large number of the rarest and most attractive colors and markings yet attained in pansies. We offer a mixture of these three superb strains, which will be found very fine. Pkt. 15c; 2 pkts. 25c; ¼ oz. \$1.25.

**Fairy Queen.** A beautiful sky blue pansy edged with pure white. A most charming variety and one that flowers most profusely. Everyone should have at least a few plants of this variety, as the color is an unusually handsome shade of violet blue. Pkt. 10c.

**Snowflake.** A snow white pansy with flowers of the largest size and handsomest form. The finest white pansy we have seen. Pkt. 10c.

**Orchid-Flowered Pansies.** A very unique and beautiful class of Pansies distinguished particularly for their delicate and beautiful coloring and peculiar form. The flowers are of medium size and of distinct shape, the two upper petals being elongated and stand upright, and they are beautifully veined with darker shades on light ground colors. All lovers of pansies should try this new class. Pkt. 15c; 2 pkt. 25c.

**SPECIAL OFFER.** We will send one packet each of **Triumph of Giants, Masterpiece and Fairy Queen Pansies** for 30c net, or these three and also one packet **Orchid Flowered** for 40c. net.

**GOLDEN YELLOW PANSY.** This is a beautiful pure yellow pansy, of large size and very handsome. Everyone should have a few plants of this variety. Pkt. 10c.

**Mixed Colors.** A good mixture of nice Pansies. Pkt. 5c; 3 pkts. 12c; ¼ oz. 60c.

## PHLOX DRUMMONDI.

Phlox make a magnificent show in beds and masses where their brilliant and varied colors produce a gorgeous effect. Very easily raised and afford a bright display of flowers all through the summer. Sow seed in the open ground in the spring. A light soil is best.

All three kinds named below are of the improved "Grandiflora," or large-flowering strain, which produce much larger flowers than the old kind.

**Brilliant Scarlet.** Flowers large and of an intensely brilliant scarlet color. Pkt. 5c.

**Pure White.** Large, clear white flowers. Pkt. 5c; 3 pkts. 12c.

**Mixed Colors.** A great variety of the most brilliant colored and beautifully marked flowers. A bed or border of these Phlox is a beautiful sight. Pkt. 5c; 3 pkts. 12c. ¼ oz. 25c; oz. 75c.



## SWEET PEAS

Sweet Peas are very easy to raise and every one should have them in the garden. The principal thing is to sow the seed early—just as soon as the frost is out of the ground. They do well in almost any soil if it is made rich with manure, but the finest flowers are obtained on rather heavy moist land.

**Quantity of Seed required.** An ounce of seed will sow about ten feet of row. A pound of sweet peas is about a pint, and will sow 150 feet of row.

**THE "SPENCER" TYPE OF FLOWER.** What is known as the "Spencer" type derives its name from a variety called "Countess Spencer" which has flowers of very large size and waved or fluted petals. Other colors and forms of this type of flower have since been developed, and are called "Spencer" varieties. They are the largest and handsomest sweet peas now grown, but they do not always come true, many of the varieties varying so much that they are undesirable on this account. The ones we offer below come quite true to type and will be found very satisfactory. These varieties produce very little seed and the price is therefore much higher than for the old type.

The crop of sweet pea seed was almost a failure the past season and we are therefore able to offer these Spencer varieties in small quantities only.

### NEW LARGE FLOWERING "SPENCER" VARIETIES.

**Constance Oliver.** A charming new variety of a unique color, *rose pink* diffused with creamy yellow lines. Flowers of the largest size with beautifully waved petals. One of the very finest new kinds. **Pkt. 10c; oz. 45c.**

**Marie Corelli.** One of the most beautiful of the new varieties. The color is a *bright and glowing crimson*. The handsomest flower of this color yet produced. The flowers are of large size and beautifully waved in the upper petals. The vines grow vigorously and produce a great many flowers, often four on a stem. **Pkt. 10c; oz. 60.**

**Apple Blossom Spencer.** White background strongly marked, and edged with deep pink. The flowers are large and well fluted on the edges. One of the handsomest of the new varieties. **Pkt. 10c; oz. 25c; ¼ lb. 60c.**

**Asta Ohn.** A new *lavender* variety with the *rgest* and *best formed* flowers yet obtained in this color.

The flowers are of the true Spencer type, large and with waved and fluted petals. The color is a soft pinkish lavender, a charming shade of color. The flowers are produced on *long stems*, and each stem carries four flowers, almost uniformly. Unquestionably the best lavender sweet peas yet produced. **Pkt. 10c; oz. 60.**

**Countess Spencer.** Color a *delicate pink*, flowers large, of fine form, and beautifully waved. This is the original of the "Spencer" class. **Pkt. 10c; oz. 35c; ¼ lb. \$1.00.**

**Geo. Herbert.** A bright rose color or carmine. Flowers of large size and beautifully waved. One of the very finest of red varieties. **Pkt. 10c; oz. 35c; ¼ lb. \$1.00.**

**King Edward Spencer.** The King Edward has been long considered the best *brilliant red* sweet pea. This new "Spencer" variety is of almost the same brilliant scarlet color and in addition is *much larger* and has beautifully waved petals. It is truly a magnificent variety that all should raise. **Pkt. 10c; oz. 35c; ¼ lb. \$1.00.**

**Dainty Spencer.** The color is pure white with a distinct edge of rose pink around each petal. The flowers are large size and the coloring is very pretty. **Pkt. 10c; oz. 60c.**

**White Spencer.** Described by a well-known authority as "*the finest white sweet peas in existence at the present time.*" The large flowers are of the true "Spencer" form and have waved petals. Our seed is of a *carefully selected strain*. **Pkt. 10c; oz. 45c.**

**Price of the following choice varieties:** **Pkt. 8c; oz. 18c; ¼ lb. 35c; lb. \$1.25c,** postpaid. By express, **\$1.15c per lb.** See special offer on next page.

**St. George.** This was formerly classed as a "Spencer" variety but we have decided that the flowers are hardly large enough for this class. The color is like the old "Gorgeous" a rich carmine with lines of orange red producing a very pleasing effect.

**HENRY ECKFORD.** A magnificent large flower of a very attractive color—*scarlet* with an *orange shade*, a most brilliant and beautiful flower. In addition to this the flowers are of the *largest size* and most beautiful form, and are produced on long stems, so that they are very effective when bunched.



Apple Blossom Spencer.

**Nora Unwin.** While the flowers are not as large as White Spencer, they are produced in greater numbers and the vines are more vigorous and hardy. One of the best white varieties. A better grower and bloomer than White Spencer. **Pkt. 5c; oz. 10c; ¼ lb. 25c; lb. 75c,** postpaid.

**Florence Morse Spencer.** Color delicate *shell pink* with deeper pink margin. Very large open flowers of the true "Spencer" type, with waved petals, and usually four flowers to a stem. Probably the finest light pink sweet pea yet produced. **Pkt. 10c; oz. 35c; ¼ lb. \$1.00.**

**Helan Lewis.** Color, *deep orange pink*, a beautiful shade. One of the very handsomest of the new large flowering kinds. The flowers are not only of the most attractive color, but they are very large and of the best expanded form. **Pkt. 10c; oz. 25c; ¼ lb. 75c.**

### SPECIAL OFFER FOR ABOVE NEW VARIETIES

We will send one packet each of above 11 new varieties of Sweet Peas for **75c net.** No discount or "premium" will be allowed on this special price.

**"Spencer" Varieties Mixed.** We have a mixture composed of the best new "Spencer" or large flowering waved varieties of sweet peas, including the varieties described above, and others as well of which we have not enough seed to offer separate. This mixture is composed of only the *very best new Spencer varieties*, and must not be confused with ordinary "mixed" sweet peas. **Pkt. 10c; oz. 25c; ¼ lb. 70c; lb. \$2.60;** postpaid. By express, **\$2.50 per lb.**

**FLORA NORTON.** A new light blue or lavender variety that surpasses any other of its color for the clearness and richness of the shade. The flowers are large and of handsome form, and the color is very attractive, especially when massed by itself. Commences to flower *very early*.

**JANET SCOTT.** Color a *soft rich pink*. One of the most attractive and beautiful varieties, flowers of large size, hooded form and produce three and four on a stem.

**DOROTHY ECKFORD.** A magnificent *pure white* flower of the largest size and of great substance. It is considered the *very best white* (outside of the Spencer varieties) yet produced. It is of vigorous growth and produces three flowers on a stem.



## Sweet Peas—Continued.

**LADY NINA BALFOUR.** One of the best lavender or mauve sweet peas. The color is soft and beautiful, and the flowers are especially effective when massed by themselves.

**"BRILLIANT BLUE,"** (*Lord Nelson*.) A deep purplish blue like "Navy Blue," but deeper and a better shade, so we have dropped that kind. This is the same as Lord Nelson.

**MRS. DUGDALE.** The flowers are of the largest size and the color is a soft Carmine Rose—a beautiful shade. The flowers hold their color well, and are very handsome when bunched together.

**KING EDWARD VII.** Magnificent large flowers of an intensely bright crimson. One of the finest pure bright red varieties.

**LADY MARY CURRIE.** The upper portion is salmon pink, delicately veined, while the lower portion is a soft rose pink, lined with deeper shades. The flowers are of large size and good form. One of the finest pink varieties.

**PRINCE OF WALES.** Bright rose-colored flowers of large size and handsome form growing three and four on a stem. The largest and finest variety of this shade of red.

**NAMED VARIETIES MIXED.** This mixture is composed of the choicest and best named varieties as described above. The different colors are put in such proportion as to produce the best effect when in flower. We are sure this seed will give the best of satisfaction to all who sow it. **Pkt. 5c; oz. 15c; ¼ lb. 30c; lb. \$1.10.** By express, \$1.00 per lb.

**MIXED COLORS.** (*Eckford's Varieties Mixed*.) This mixture is composed of a large number of the best of the standard varieties of large-flowering sweet peas. **Pkt. 5c; oz. 10c; ¼ lb. 30c; lb. \$1.00.** By express, 90c. per lb.

**Dwarf or Cupid.** The plants grow only six or eight inches high and produce flowers nearly as large as the tall growing kinds. They are very pretty and ornamental plants. We offer a mixture of many new and beautiful varieties of cupid or of Dwarf Sweet Peas. **Pkt. 8c; oz. 18c; ¼ lb. 40c; lb. \$1.50,** postpaid.

**SPECIAL OFFER.** We will send one packet each of any FIVE of the above named varieties of Sweet Peas (except "Spencer" varieties) for 30c; or the whole ten for 50c. One ounce each of any FIVE varieties for 60c; or one ounce each of the whole ten last named varieties for \$1.00. No discount or premium will be allowed on these special prices.

An ounce of each of the ten varieties will make a remarkably beautiful collection of sweet Peas, with enough of each to keep the different colors separate or to combined them in the most effective way.

## POPPIES.

Poppies are so easily grown and present so gorgeous a display of beautiful colors and graceful flowers that everyone should have them in abundance. The flowers are much handsomer if the seed is sown in August or September, and the plants allowed to stand over winter. They will then flower early in the summer.



New Admiral Poppy.

**King Edward.** A very showy new poppy of large size and brilliant scarlet color shaded with crimson and with black at the base of each petal in contrast to which stand out the bright yellow anthers in the center of the flower. The plants grow 2½ ft. high and flower profusely. **Pkt. 10c; 3 pkts. 25c.**

**New Admiral Poppy.** A new variety that is very handsome. The flowers are large and are produced on stems nearly two feet long. The color combination is clear white, edged with a broad band of brilliant scarlet around the edge. This is one of the most showy and attractive poppies we have ever seen. **Pkt. 5c; 3 pkts. 12c.**



King Edward Poppy.

**DOUBLE RANUNCULUS FLOWERED.** Very handsome double flowers growing on long slender stems. They are of bright, attractive colors, and produce a charming effect where grown in clumps or masses. **Pkt. 5c; 3 pkts. 12c.**

**CARDINAL.** New Hybrids. Very large double poppy as round as a ball and of various shades of color. The plants are of dwarf or compact growth and produce their large ball-like flowers in great profusion, and continue to flower an unusually long time. **Pkt. 5c; 3 pkts. 12c.**

**Double Carnation.** Immense globular flowers borne on long stems. The flowers are so double that they are as round as a ball and are of many striking colors. **Pkt. 5c; 3 pkts. 12c.**

**TULIP POPPY.** The flowers much resemble a bright scarlet tulip, and are very unique and attractive. The flowers are produced on long slender stems and protrude well above the foliage. A bed or mass of these Poppies presents a most gorgeous blaze of color and will be an ornament to any garden. **Pkt. 5c; 3 pkts. 12c.**

**Shirley Poppies.** These are the most delicately colored and graceful of all Poppies. The flowers are single and semi-double, and are produced on long, slender stems; but their great beauty lies in the exquisite coloring of the flowers which are of many delicate shades of pink and rose color, often shading in a single flower from pure white to deep rose. Mixed colors. **Pkt. 5c; 3 pkts. 12c.**

**Hardy Perennial Poppies.** These poppies when once established will last for a number of years and are perfectly hardy. Especially fine if sown in the fall. It is best to sow the seed where the plants are to grow as they are not easily transplanted, although this can be done successfully by taking great care to lift the plant with a good ball of earth around the roots.

**Orientele.** The flowers are very large, often 6 to 8 inches across, bright scarlet with dark spots at the base of the petals, and are borne on long stems 3 or 4 feet above the ground. A bed or border of these Poppies makes a most brilliant show. The plants are perfectly hardy and will last for many years. **Pkt. 10c; 3 pkts. 25c.**

**New Orientele Hybrids.** We can now offer the Orientele poppy of some new colors—rose, lilac and mauve shades, which are very interesting and beautiful and are well worth growing. **Pkt. 15c.**

**Iceland Poppies.** After once started they will last for a number of years and flower constantly from June until October. The flowers are single and of beautiful colors, shading from deep yellow and scarlet to white. They stand in bold relief above the low growing plants, on graceful stems a foot or more in length and have a delicate fragrance. Mixed colors. **Pkt. 10c; 3 pkts. 25c.**

**NOTE.**—While these poppies will flower the first year from seed sown in the spring, they do best if sown in August or September, when they flower early the following season.





### Pyrethrum, or "Painted Daisy" (*Pyrethrum roseum hybridum*.)

A charming flower of early culture and should be more generally grown.

The picture shown here is a photograph of a part of a clump on our own grounds from seed sown the year before. The beauty of the flowers is in their coloring which cannot be reproduced here. They are like large daisies but of various shades of pink, deep red and purple and make a pretty show in the garden and very handsome cut flowers having stems  $1\frac{1}{2}$  to 2 ft. long. The plants are perfectly hardy and will last for years, flowering most of the summer. **Pkt. 10c; 3 pkts. 25c.**

### STOCKS

Stocks can be grown in the open ground or in pots, and are of the easiest culture, requiring the same treatment as Asters.

#### Ten-Weeks or early flowering Stocks.

**Large Flowering Dwarf.** Plants grow about a foot high and the flowers are of the largest size and perfectly double and of delicate fragrance. Blooms in August if sown in the open ground in May. **Pkt. 10c; 3 pkts. 25c;  $\frac{1}{4}$  oz. 75c.**

**English Stock.** Flowers mostly double and plant is of a dwarf, compact growth. Mixed colors. **Pkt. 5c; 3 pkts. 12c.**

#### Late flowering Stocks.

These are the handsomest stocks growing 18 in. to 2 feet high, with long spikes large double flowers of delicious fragrance.

**Beauty of Nice.** A very beautiful stock growing 2 feet tall and having very large double flowers of a delicate shade of pink. The tall branching plants are covered with long sprays of these beautiful flowers, and are extremely handsome either in the garden or as pot-plants in the house. **Pkt. 10c; 3 pkts. 25c;  $\frac{1}{4}$  oz. 75c.**

Seed sown in the house in March will produce plants that will flower in August or September. Before the ground freezes the plants may be removed to large pots and will bloom in the house all winter.

**Abundance.** A remarkable new variety producing a great profusion of bloom, the plant being literally covered with long spikes of flowers of a pleasing shade of carmine pink. This is considered the finest variety of this class. **Pkt. 12c; 2 pkts. 20c.**

**Bianca.** Like abundance described above, but has pure white flowers. A very beautiful new variety. **Pkt. 12c; 2 pkts. 20c.**

For plants of these three varieties of Stocks see page 71

### SALPIGLOSSIS.

A very graceful and beautiful flower of easy culture in the open ground. The plant grows about 2 feet high, with large lily-like flowers. The large flowering varieties have flowers measuring three inches in diameter and of the most beautiful colors. The combinations of shades of colors and the beautiful markings on the flowers are truly wonderful. The plants commence to flower early in the summer and continue in bloom until late in the fall if the flowers are kept picked. The seed is sown in the open ground in the spring.

**GRANDIFLORA.** (Large Flowering.) Flowers large, beautifully colored and marked. In their colorings and general appearance they much resemble orchids. The flowers are of many different colors—blue, purple, orange, gold, maroon, yellow and red, and combinations of these colors. **Pkt. 5c; 3 pkts. 12c.**

**New Emperor.** Plants of this new variety are more dwarf and compact than the above kind, while the flowers are equally large. **Pkt. 8c; 3 pkts. 20c.**

### Sanvitalia.

A very pretty bright yellow flower growing on a half creeping plant in the greatest abundance. The flowers resemble a double daisy, and are bright attractive and easily grown. Cultivate like Phlox.

**Sanvitalia procumbens.** The finest double flowers. **Pkt. 5c; 3 pkts. 12c.**





## SUNFLOWER.

Sunflowers make very ornamental screens, and the seed is used for poultry food for which it is often raised in large quantities.

**New Varieties of MINIATURE SUNFLOWERS.** (See photograph.) These small single sunflowers make a very bright, attractive and ornamental plant. The flowers are 2½ to 3 inches across, and are produced in great profusion on long stems, which makes them excellent for cutting. Many of them are very interesting and beautiful. The petals in some cases are quilled like Cactus Dahlias, and some of the flowers are double and semi-double while the colors range from yellow to light cream. The plants form bushes 4 to 5 feet high, and are covered from top to bottom with these pretty star-like flowers. The seed we offer is a mixture of the best new varieties. **Pkt. 10c; ½ oz. 25c.**

**Double California.** The finest double Sunflower. Plants grow from 5 to 6 feet high, and the flowers are large, deep yellow and very double. **Pkt. 5c; 3 pkts. 12c. oz. 40c.**

**Mammoth Russian.** Very large flowers, bearing an abundance of seed. The seed can be profitably raised for poultry food. **Pkt. 5c; ¼ lb. 15c; lb. 25c.** See also page 52.

## Salvia or Scarlet Sage.

The plants grow about two feet high and are completely covered with long spikes of brilliant scarlet flowers. Very attractive on lawns and borders and useful for cut flowers. Seed should be sown in March or April in boxes or hotbed and the plants set out in the open ground when danger of frost is over. There is no flower that can compare with Salvia in brilliancy of color and profusion of bloom.

**SALVIA SPLENDENS.** Brilliant scarlet flowers borne on long spikes that literally cover the plant. We have an improved *Grandiflora* strain of this Salvia which produces very long spikes of large flowers on compact, bushy plants. There is no finer Salvia than this. **Pkt. 5c; 3 pkts. 12c; ¼ oz. 45c.**

**DWARF SALVIA.** The plants only grow about 18 inches high and are neat and compact, being completely covered with large flowers. Blooms earlier than other kinds, and is especially valuable for planting in borders where the taller kinds would be too high. The flowers are of the largest size and cover the plants from August until frost. **Pkt. 8c; 3 pkts. 20c.**

**Salvia Plants.** Those who do not wish the trouble of raising the plants can obtain them ready to set in the open ground. See page 70



New Miniature Sunflowers.

## SNAPDRAGON. (Antirrhinum.)



Snapdragon—Venus

The Snapdragon is one of the old fashioned flowers that has lately again become popular. It is easily raised by sowing the seed in the open ground in the spring. If the seed is sown early the plant will flower in July or August. The spikes of flowers are often nearly a foot long and make a fine display of color.

**Improved Large Flowering.** This improved class has much larger flowers than the old kinds and are much handsomer in every way.

**VENUS.** A beautiful new variety with very large flowers ivory white edged with delicate pink. The handsomest variety we have seen. **Pkt. 10c.**

**Pure White.** Creamy white flowers. **Pkt. 5c.**

**Mixed Colors.** Composed of seed of the best varieties mixed in equal portions so as to give a good quantity of plants of each variety. **Queen Victoria (white) Carmine (bright red) Firefly (scarlet and white) Striatum (striped) Yellow (pure yellow).** **Pkt. 5c. ¼ oz. 25c.**

## SWEET WILLIAM (*Dianthus Barbatus*)

A universally admired perennial flower that when once started will last for years. Sow the seed in the open ground in the spring or fall.

**Perfection.** Extra large flowers of many beautiful colors and markings. **Pkt. 5c; 3 pkts. 12c.**

## VERBENA

This beautiful flower can be easily raised from seed by sowing in the open ground, and will flower in the late summer and fall even after frost. To get early flowering plants the seed should be sown in boxes in the house and the plants transplanted to the open ground when the weather is warm.

**NEW MAMMOTH.** This new strain produces the largest and handsomest flowers, and is one of the finest strains of Verbenas in cultivation. **Mixed colors. Pkt. 10c; 3 pkt. 20c.**

## WALLFLOWER

A half hardy perennial, easily grown from seed either in a box in the house or in the open ground. The plants should be taken up in the fall and raised in the house where they will flower all winter.

**Large Flowered.** Single. Mixed colors. **Pkt. 5c; 3 pkts. 12c.**  
**Covent Garden.** The finest double variety. **Pkt. 10c.**

## ZINNIA

Zinnias are very easily grown and make a brilliant display of color in the garden or border all through the summer. The seed is sown in the open ground in the spring.

**NEW CRESTED ZINNIAS.** These new Zinnias are the handsomest we have seen. The petals being crimped or quilled relieves the flower of its stiffness, which is the drawback to most Zinnias. The colors are also more delicate than are found in other varieties. The flowers are perfectly double and are produced on long stems.

**Mixed Colors.** **Pkt. 5c; 3 pkts. 12c.**

**White.** Very handsome. **Pkt. 5c.**

**Carmine.** A beautiful shade of red. A bed of these Zinnias is very handsome. **Pkt. 12c; 3 pkt. 25c.**

**Dwarf Double.** Dwarf plant, with double flowers of beautiful colors. **Pkt. 5c; 3 pkts. 12c.**  
**DOUBLE GIANT.** A splendid variety, with flowers of the largest size. The plant is of robust growth and produces a profusion of bloom. **Mixed colors, Pkt. 5c; 3 pkt. 12c.**



# Seeds for a Complete Flower Garden at Less than Half Price

We will send the following collection of Flower Seeds, which amount to \$1.50 at our regular prices, for 70c, postpaid. The collection consists of the following varieties, all of which are easily grown in the open ground by simply sowing the seed in the Spring in good soil. These are the very finest varieties we have and will produce beautiful flowers if given the proper care.

	Regular price		Regular price
1 Pkt. ASTER, Crego Pink.....	\$0.10	1 Pkt. NASTURTIUM, Lobb's Improved, mixed.....	\$0.05
1 " " Semple's Branching, mixed.....	.08	1 " PHLOX DRUMMONDI, mixed.....	.05
1 " BALSAM, Double Camellia-Flowered, mixed..	.08	1 " PANSY, Masterpiece, or Giant Ruffled.....	.12
1 " CANDYTUFT, Empress.....	.05	1 oz. SWEET PEAS, mixed colors.....	.10
1 " CALLIOPSIS, Golden Wave.....	.05	1 Pkt. POPPY, Shirley, mixed.....	.05
1 " CENTAUREA, Imperialis.....	.05	1 " SALPIGLOSSIS, Grandiflora.....	.05
1 " COSMOS, Early Flowering, mixed.....	.05	1 " SNAPDRAGON, mixed.....	.05
1 " DIANTHUS, Double Japan Pink, mixed.....	.05	1 " SUNFLOWER, New Miniature Varieties.....	.10
1 " LARKSPUR, Branching, mixed.....	.05	1 " VERBENA, Mammoth.....	.10
1 " MARGOLD, Double French Dwarf.....	.05	1 " ZINNIA, New Crested, mixed.....	.05
1 " " Double African Quilled.....	.05		
1 " MIGNONETTE, Machet.....	.05	<b>Total.....</b>	<b>\$1.50</b>
1 " MORNING GLORY, Large Flowering, mixed..	.05		

**This Collection 70c.** As these collections are put up ready to send off we cannot change them in any way. **NO DISCOUNT** of any kind can be allowed on this collection of Flower Seeds. In ordering simply order "**Special Collection of Flower Seeds, 70c**"

## "WILD FLOWER GARDEN"

There are many Annual Flowers that can be grown almost as easily as weeds. Seeds of such flowers simply scattered on the ground in a corner of the garden will make a pretty display of flowers. Of course the soil must be fairly good and free from grass and the larger weeds must be pulled out during the season.

We have made up a mixture of seeds of the hardiest Annual Flowers that will bloom from early summer until late in the fall. **Pkt. 5c; oz. 35c.**

## FLOWERING PLANTS AND BULBS

We offer a few of the best and most satisfactory flowering plants for general culture in the open ground. Some of them, such as Begonias, Cannas, and Gladiolus will not stand the winter, but must be taken up in the fall and set out again in the spring. The hardy perennial plants such as Phlox, Anemone, Hollyhocks, etc., may be left out all winter without protection and will usually increase in size and beauty from year to year. There is nothing more satisfactory in the way of flowers than these hardy perennials which come up year after year, without having to be replanted.

### ANEMONE. (Windflower)

One of the most beautiful and useful of the hardy autumn-flowering plants. The flowers are produced on long slender stems well above the plant and are extremely graceful and ornamental both in the garden and as cut flowers. The plants are perfectly hardy and need only a slight covering of leaves in the fall.

**Red Japonica.** Single flowers of medium size and of beautiful rose color. Very long stems.

**White Japonica.** Same as above but with snow white flowers.

**WHIRLWIND.** Semi-double, pure white flowers produced in clusters and in great profusion. Stems are not as long as those of the single Japonica.

**QUEEN CHARLOTTE.** This is the finest Anemone we have seen. The flowers are often four inches across and their coloring is very charming, being a silvery pink like a La France rose. They are usually semi-double and are produced in great abundance during the fall.

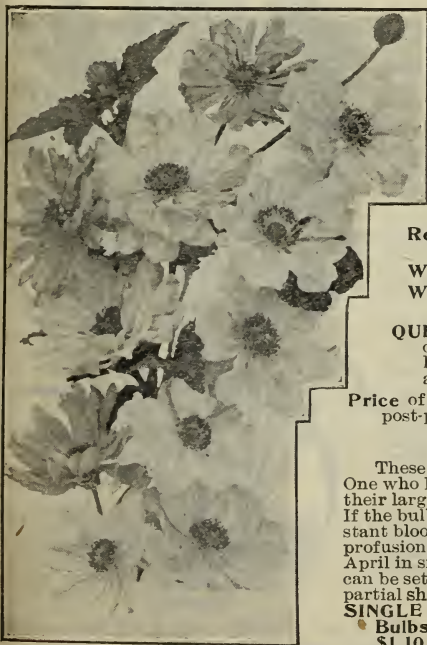
Price of any of the above varieties, strong plants, 15c. each; 4 for 50c; dozen \$1.40, post-paid. By Express 12c. each; \$1.25 per dozen.

### BEGONIAS

These large flowering Tuberous Begonias are magnificent plants for beds in the open ground. One who has not seen them can hardly imagine the brilliant and gorgeous effect produced by their large, richly colored foliage and their beautiful waxy flowers of bright and varied colors. If the bulbs are started early the plants will commence to flower in July and continue in constant bloom until frost. The flowers are from 3 to 4 inches across and are produced in great profusion, almost covering the plant from sight. The bulbs should be started about the first of April in small pots plunged in boxes of earth in the house or hotbeds, and well watered. Plants can be set out in the open ground as soon as all danger of frost is over. Begonias do best in partial shade.

**SINGLE VARIETIES.** We offer four colors—scarlet, white, pink and yellow. Four Bulbs, one of each color, 20c; dozen bulbs, your selection of colors, 60c; 2 dozen, \$1.10, post-paid. By express, 50c per dozen; \$3.75 per 100.

**DOUBLE VARIETIES.** Handsome large double flowers that resemble a small rose. Same colors as above. One bulb of each color (4 bulbs) 25c; dozen, your selection of colors 75c By express, 65c per dozen; 50 bulbs for \$2.75; 100 \$5.00.



Anemone



## CANNAS

For lawn decorations there is no plant equal to the improved varieties of Cannas. Their bright, luxuriant foliage and long spike of brilliant flowers make a beautiful display in beds and borders.

The roots should be started in pots in the house or hot-bed in March or first part of April and the plants set out in the open beds when danger of frost is past. Or the roots may be set out in the open ground about May 1st in this latitude but will not flower so early. The following are among the newest and best varieties of large-flowering Cannas for bedding.



Canna Souv. D'Antoine Crozy.

**Buttercup.** Pure bright yellow, like a buttercup. The best pure yellow Canna. Green foliage,  $3\frac{1}{2}$  ft.

**Brandywine.** Bronze leaves, red flowers. One of the very finest dark leaved cannas. The flowers are glowing red mottled with crimson and sometimes edged with a narrow band of gold. 4 to 5 ft.

**Souv. d'Antoine Crozy.** Brilliant scarlet flowers edged with gold. One of the most showy and attractive Cannas grown. Flowers large and abundant and do not fade in the sun. Green foliage, 4 ft.

**Queen Charlotte.** Each petal has a broad border or golden yellow with brilliant scarlet center. Flowers of large size and produced thickly on the stem. Green foliage, 4 ft.

**Florence Vaughan.** Rich golden yellow, dotted with crimson, large and handsome flowers. Green foliage,  $4\frac{1}{2}$  ft.

**J. D. Eisele.** Flowers of large size and a beautiful shade of vermilion scarlet with an orange shading, one of the very finest. Green foliage, 5 ft.

**Pennsylvania.** Immense flower of an intense orange-scarlet, a charming shade of color, and one of the best Cannas. Flowers often 7 inches across and produced in great abundance. Green foliage,  $5\frac{1}{2}$  ft.

**PILLAR OF FIRE.** A tall variety growing 6 to 7 ft. high with long spikes of bright red flowers held erect above the green foliage like glowing torches. A valuable kind for the center of a bed.

**JEAN TESSOT.** Most brilliant glowing scarlet. Large flowers and very handsome. One of the best we have seen. Green foliage, 5 ft.

**KING HUMBERT.** This is one of the very finest Cannas yet produced. The flowers are of immense size, often 6 inches across, and the color is an intense orange-scarlet with deep red markings. The leaves are bronze red and the whole effect is very striking. Should be in every collection.  $4\frac{1}{2}$  ft.

**Price.** Good dormant roots of the above varieties by mail, 10c each; \$1.00 per doz. By express, 75c per doz.; 50 roots \$2.50.

**Growing Plants.** We can furnish growing plants of the above varieties of Cannas ready to set out in the beds but the order must be placed before April 15th, as we do not force Canna plants except for orders booked before that date. The plants will be ready May 20th to June 1st. Price. By express, \$1.50 per doz.; 50 for \$5.00.

## CANTERBURY BELLS. (Campanula.)

These charming old-fashioned flowers are still in the front ranks for garden culture. We can offer nice plants wintered in cold frames that will bloom nicely this summer. The plants should be set out a foot or more apart in rich loamy soil.

**SINGLE, White, Pink, Dark Blue.**

**DOUBLE, Pink, White,**

**CALYCANthemA ("Cup and Saucer"), Rose Pink, White, Blue.**

**Price,** all the above varieties, 10c each; doz. \$1.00, postpaid. By express, doz. 85c; 50 \$2.75.

## GLADIOLUS.

The Gladiolus is one of the most ornamental and attractive of flowering bulbs. The spikes of flowers grow two feet or more high, the flowers being of every shade of color and beautifully marked. When planted in beds or borders they make a most gorgeous show. The bulbs can be set out any time from the middle of April to the first of June, and will always flower the first year. Set out the bulbs about eight or ten inches apart and three or four inches deep.

**NEW AND IMPROVED VARIETIES.** There has been great progress made in the improvement of the Gladiolus within the last few years and the varieties we now have are much superior to those of a few years ago.

**AMERICA.** A beautiful new variety with immense flowers of a delicate and charming shade of pink. 10c each; doz. 50c, postpaid.

**Mrs. Francis King.** One of the handsomest new varieties of a glowing red color and flowers of the largest size, often  $4\frac{1}{2}$  in. across. 10c each; doz. 45c, postpaid.

**Mixture No. 1.** Composed of a general collection of Groff's hybrid varieties, including principally red, pink and yellowish shades, with some whites, lilac and blues. By mail, 30c per doz. By express, 25c per doz; \$1.60 per 100.

**Mixture No. 2.** Composed of the newer white, cream, light yellow and pink varieties and combinations of the handsomest colors. This mixture will produce a beautiful display of flowers of the most attractive colors and markings, as it includes only the very best varieties. By mail, 65c per doz;  $\frac{1}{2}$  doz. 35c. By express, 60c per doz.; \$4.00 per 100.

## Perennial Phlox.

Flowers from July until November, producing a wealth of bloom and variety of coloring hardly equalled by any other plant. The plants are perfectly hardy and will last for many years without any protection. We offer some of the best varieties of the following colors: Pure white, bright scarlet, rose pink and carmine, in strong field-grown clumps. Price, by mail, 15c each; \$1.50 per doz. By express, 12c each; \$1.25 per doz

## HOLLYHOCKS.

Plants set out this spring will flower in July and August and will last for a number of years without protection.

**Finest Double Varieties.** We can furnish the following colors: Yellow, pink, deep red and pure white, each 15c; 6 for 75c; 12 for \$1.40, postpaid. By express, \$1.25 per doz.



Gladiolus



## Pyrethrum or Painted Daisy.

Very pretty daisy like flowers of various colors. See description page 67.

Seedling plants that will bloom this summer and fall. **Doz. 30c; 50 plants \$1.00** postpaid.

## TUBEROSES.

Tuberose are very easily raised in the open ground in the summer, and are very ornamental. The flowers have an intensely sweet fragrance. The bulbs should be set out as soon as the soil is warm in the spring, and will flower in August and September. They can also be raised in pots in the house.

**Excelsior Dwarf Pearl.** The best variety. Flowers large, pure white, double and crowded on the stalk. Large bulbs, **8c. each; per doz. 50c. by mail, postpaid.** By express, **35c. per doz.; 2 doz. 60c.**

## PLANTS OF ANNUAL FLOWERS.

These plants will be ready for delivery about May 15th or June 1st. Orders may be sent at any time and plants will be sent when it is the proper time to set them out.

**ASTERS.** We can furnish first-class large plants of the most desirable varieties of Asters as follows: **Crego Pink, Crego White, Semple's Pink Branching, Royal Purple, Rose King and Violet King,** (For description see page 56.) By mail, **40c. per doz.** By express, **doz. 30c; 50 plants, \$1.00; 100 plants, \$1.75.**

**CARNATION.** The Giant Marguerite Carnation plants we offer will produce flowers in August and all through the fall if set out in the open ground May 20th to June 1st. Ready middle of May. *Price same as for Aster plants.*

**HELIOTROPE, Lemoine's Giant.** Easily raised in any garden. Strong plants ready last of May. By mail, **60c per doz.** By express, **50c per doz.; 50 plants, \$2.00.**

**PANSY PLANTS.** Our Pansy Plants are grown from seed sown in February, and are much superior for summer flowering to plants wintered over and sold while in flower in the spring. Such plants flower well for a few weeks but will not stand hot weather. Our plants will bloom through the summer and fall. Plants ready May 15th. We offer a mixture of the very finest Pansies we know of, **Triumph of the Giants.** By mail, **45c per doz.; 50 plants, \$1.40c.** By express, **doz. 35c; 100 plants, \$2.50.**

**SALVIA or SCARLET SAGE.** The plants we offer will bloom early and will continue in flower all through the fall. They are strong, well rooted plants, and will be ready to set out June 1st. By mail, **85c per doz.** By express, **70c per doz.; 50 plants, \$2.50.**

**STOCKS.** The new late-flowering Stocks described on page 67 are beautiful flowers but do not flower early enough unless the plants are started in the green house. We can furnish good strong plants of three varieties, **Beauty of Nice, Abundance and Bianca,** ready the middle of May. *Price same as for Aster plants.*

*Note.—Owing to the rapid growth of our seed business we find it impracticable to raise Small Fruit plants, so we have decided not to offer them with the exception of Strawberries, which we still continue to raise.*

## STRAWBERRY PLANTS.

Our strawberry plants are all of our own growing, from plants set out last spring, and are strong, thrifty plants with good roots. They are shipped the same day they are dug and reach the purchaser in the best possible condition.

**Safe Delivery Guaranteed.** We assume all risks of the plants reaching the purchaser in good condition. If the plants are not satisfactory and in good order when received we must be notified at once, and the matter will be adjusted to the satisfaction of the purchaser. But it must be distinctly understood that we will not hold ourselves responsible for the treatment of the plants after they are received by the purchaser. Perfectly good plants are often ruined by improper planting or unfavorable weather after they are set out. *Our responsibility ceases when the plants are delivered in good condition.*

The best time to set out strawberries is in the spring, when they will grow all summer and form a good bed of plants that will bear profusely the following year.

The plants should be set out in good rich soil in rows 3 to 3½ feet apart and a foot apart in the row. It is best to set out the plants as soon as the ground can be gotten into good condition in the spring, but they will do very well if set out as late as the middle of May.

**CLIMAX.** A fine early strawberry. Smooth, handsome berries, deep glossy red, the color extending all through the fruit, which is rich, juicy and of fine flavor; a little too soft for shipping, but just right for home use and nearby market. The plants are vigorous and healthy and remarkably productive. Commence to ripen early and extends over a long season. Perfect flowers.

**BRANDYWINE.** This is a medium late variety with beautiful, smooth, large berries of delicious flavor and sweetness. The plants are of robust growth with heavy dark green foliage, and produce large crops of berries which are uniformly large and of perfect shape. One of the best late varieties for home use and market. Does best on rather heavy soil. Perfect flowers.

**SAMPLE.** Very large berries and an immense yielder. The fruit is rather soft for shipping but is good for nearby market and excellent for home use. One of the very largest strawberries and is very productive, it has proved a money maker for those who have raised it for the home market. Imperfect flowers.

**SENATOR DUNLAP.** A magnificent medium early variety. Berries of large size, deep glossy crimson, and of fine quality, being sweet and of high flavor. The plants are strong and vigorous and very prolific, and continue in bearing a long time. One of the very best for either the home garden or for market. Perfect flowers.

**PARSON'S BEAUTY.** Berries of good size, smooth, round and handsome and of fine flavor. Ripens medium late and continue to bear a long time. Plants vigorous and healthy and produce large crops of fine fruit. An excellent variety for market and home use. Perfect flowers.


**GLEN MARY.** This variety succeeds well everywhere, and is a great favorite with market growers as well as private gardeners. The berries are large, deep red, of even shape, very firm and of fine quality, being sweet and of high flavor. The plant is a strong, vigorous grower and produces heavy crops. Season medium to late. Perfect flowers.

**WARFIELD.** This variety resembles the old Wilson very closely but is larger and more productive. The fruit, like Wilson, is firm and high colored and excellent for canning. The quality is fine. The vines are very vigorous and productive, but should not be allowed to set too many runners.

**Price of Plants.** We can furnish first-class plants of above varieties, all of our own growing, as follows:

By mail or prepaid express: **Dozen 25c; 50 plants 65c; 100 plants \$1.20.**

By express, not prepaid: **100 plants 85c; 1000 \$5.00.** Please write for price on larger lots.

 **SPECIAL COLLECTION of Strawberry Plants see next page.**



## Special Collection for the Home Garden, \$1.00 postpaid.

We will send a collection composed of 105 Strawberry plants of varieties best suited to the needs of those who raise Strawberries for their own use, for **\$1.00 postpaid**. This collection consists of 25 plants **Climax**, a fine early variety, 40 plants **Parson's Beauty**, medium, and 40 plants **Brandywine**, a very fine late variety.

These varieties are all of fine quality and productive, and being composed of early, medium and late kinds they will produce a continuous supply of berries from the first to the last of the season. If ordered separately these plants would cost **\$1.45**. We can make no change in the quantities or varieties of which this collection is composed. The plants will be sent the day they are dug, and we guarantee that they will reach the purchaser in good condition. **ORDER EARLY**—The plants should be set out May 1st to 15th to get the best results.

We will send two of these collections by express, at the Purchaser's expense, for **\$1.50**, or three for **\$2.00**.

Your seeds are the best I ever bought. The Strawberry plants you sent me last year all lived and a thrifter lot of plants I never saw.

WAYNE HARWOOD, Rupert, Vt.

## VEGETABLE PLANTS.

We raise large quantities of Cabbage, Cauliflower, Celery, Tomato, and other plants, and aim to have them of superior quality to the plants usually sold.

The plants are all carefully packed and we guarantee their safe arrival in good condition. When the price is preceded by the words "By express", it means that when ordered at this price the plants are sent by express at the purchaser's expense. We shall be glad to quote special prices on large lots if you will let us know the kinds and quantities required.

**GABBAGE PLANTS.** Early transplanted plants ready April 15th. These plants are well hardened and will stand frost without injury. They are far superior to plants grown in frames without transplanting. Such plants, of course, can be sold much cheaper. Varieties: Early Jersey, Wakefield, Charleston Wakefield, Enkhuizen Glory, Copenhagen market. By mail, 20c. per doz; \$1.00 per 100. By express, 15c per doz; 75c per 100; \$5.00 per 1000.

**Field-Grown Plants.** All leading varieties, ready from June 10th to July 15th. By mail, 10c. per doz; 50c. per 100. By express, 25c. per 100; \$1.50 per 1000; 5000 or more at \$1.10 per 1000. Please write for price on large lots stating quantity and varieties required.

**CAULIFLOWER.** Early transplanted plants ready May 1st Early Snowball and Danish Giant or Dry Weather. By mail 25c. per doz; \$1.50 per 100. By express, \$1.25 per 100.

**Field-Grown Plants.** Ready June 20th. By mail 15c. per doz; 85c. per 100. By express, 65c. per 100; \$3.75 1000.

**BRUSSELS SPROUTS.** Field-grown plants ready June 20th Same price as for Field-Grown Cauliflower.

**CELERY.** Early transplanted plants ready last of May Golden Self-Blanching and White Plume. By mail, 85c. per 100. By express, 65c. per 100; \$4.50 per 1000.

**Field-Grown.** Strong, stocky plants of all varieties listed in this catalogue, ready last of June. By mail, 50c. per 100. By express, 30c. per 100; \$2.00 per 1000. Write for prices on larger lots.

**EGG PLANT.** As these plants are easily injured in transplanting we raise them in pots and wrap the ball of earth in paper so as not to disturb the roots. **Black Beauty**, ready May 25th. By express, 75c. per doz; 50 plants, \$2.50.

**PEPPER.** Strong transplanted plants ready last of May. Varieties: Ruby King, Giant Crimson, Neapolitan, Bell or Bull Nose, New Giant Cayenne. By mail, 25c. per doz. By express, 20c. per doz; \$1.25 per 100; \$8.50 per 1000.

**TOMATO.** Our Tomato plants are strong and stocky and are well hardened and are much superior to plants taken directly out of greenhouses. Varieties: Earliana, New Extra Early Earliana, Bonny Best, Early Detroit, Success, Stone, Dwarf Champion, Tucker's Favorite and Golden Queen, (yellow). By mail, 30c. per doz. By express, 20c. per doz; \$1.25 per 100; \$8.00 per 1000. Write for price on larger quantities stating varieties desired.

## Insecticides, Etc.

**Arsenate of Lead.** We find this a much better and cheaper poison than Paris Green for use on potatoes, apple trees, etc. The great advantage it has over Paris Green is that it does not injure foliage and does not settle so quickly in water. It will remain in suspension more than twice as long, so does not require such constant stirring. It will not injure foliage even if applied two or three times as strong as necessary to kill all insects. It will also stick to the leaves much better than Paris Green, and so does not need to be applied so often.

Arsenate of Lead is a white paste that looks like white lead. It is readily mixed with water and does not clog spray nozzles. It is used at the rate of about 3 pounds to 100 gallons of water. It can be used with Bordeaux Mixture the same as Paris Green.

Price, 1 lb. can, 25c; 10 lb. pails, \$1.25 each; 25 lb. pails, \$2.60; 50 lb. kegs, at 10c per lb; 100 lb. kegs, at 9½c per lb. Write for price on larger lots.

**PARIS GREEN.** We can furnish pure Paris Green at 35c per lb; 5 lbs for \$1.50; 10 lbs. or more at 29c per lb. Price variable according to market.

**TOBACCO DUST.** Tobacco dust is an excellent material for keeping bugs off cucumber, melon and squash vines. The dust should be applied when the leaves are wet so that it will adhere to them. It should be used in liberal quantities. For fumigating greenhouses the Tobacco Dust we sell is most excellent. It burns evenly and will light without the use of kerosene. 5 lbs. will fumigate a house 25 x 100 feet. Price, postpaid, 15c per lb. By express, 5 lb. package, 25c; 10 lbs. 35c; 50 lbs. or more 3c per lb.

**WHITE HELLEBORE.** The best remedy for currant and cabbage worms. Apply dry or in water. Per lb. 20c. (Postpaid, 30c per lb.)

**Nitrate of Soda.** This is the most soluble and quickly available form of nitrogen or "ammonia." It is of great benefit in forcing a strong, luxuriant growth in plants. It is especially valuable for **Cabbage, Cauliflower, Beets, Carrots, Onions, Tomatoes, Potatoes** and similar crops, as well as for **Grass and Grain**. It can be advantageously used as a top dressing after plants are up. It is immediately available to the plants when applied.

Gardeners should always have some Nitrate of Soda on hand and use it whenever they want to promote a quick strong growth in plants. A little Nitrate dissolved in water at the rate of about a tablespoonful (1 oz.) to 2 gallons water will stimulate a rapid growth either when applied to plants in frames, greenhouses or the open ground. If your plants don't grow well, try a little Nitrate on them—but don't use too much.

10 lbs. 50c; 100 lbs. \$4.00; bag 220 lbs. \$7.75.

**FORMALIN (Formaldehyde, 40%.)** A valuable disinfectant that destroys germs that cause diseases in plants. It is very effective when used to destroy smut germs in oats and scab on potatoes. To treat oats use 1 pint formalin to 50 gallons of water and soak 10 minutes. For potatoes use 1 pint to 30 gallons and soak two hours. Pint, 25c; gallon jug, \$1.75.

**SULPHO-TOBACCO SOAP.** For killing aphides or lice on roses and other plants we have found nothing so effective and convenient as Sulpho-Tobacco Soap. It is easily applied by dissolving in water and spraying or sprinkling on the plants. It is sure death to insects and never injures the plants. This soap is also very effective in killing fleas on dogs and cats. Directions for use are printed on the cover of each cake. A 3 oz. cake makes 1½ gallons, and an 8 oz. cake 4 gallons of the solution. Price, postpaid, 3-oz. cakes, 12c; 8-oz. cakes, 25c. By express, 3-oz. cakes, 10c each; 8-oz. cakes, 20c each.

**LAMBERT'S DEATH TO LICE.** This is the most effective remedy for killing lice on poultry we have found. It is in a convenient form to use and is very effective. Death to Lice is a powder and is easily applied to the fowls by dusting it through the feathers. It kills the lice within a few minutes after applying. It should be used on setting hens and young chickens as soon as hatched. More chickens and turkeys are killed by lice than people generally realize. Everybody who raises poultry should keep some of the "Death to Lice" powder on hand and use it freely, especially when the hens are setting and young chickens hatch. It is perfectly harmless and will not injure the most delicate chickens.

PRICE, 15 ounce cans, 25c each. Postpaid, 35c each. Full directions for use are printed on each can.



# Garden Tools, Etc.



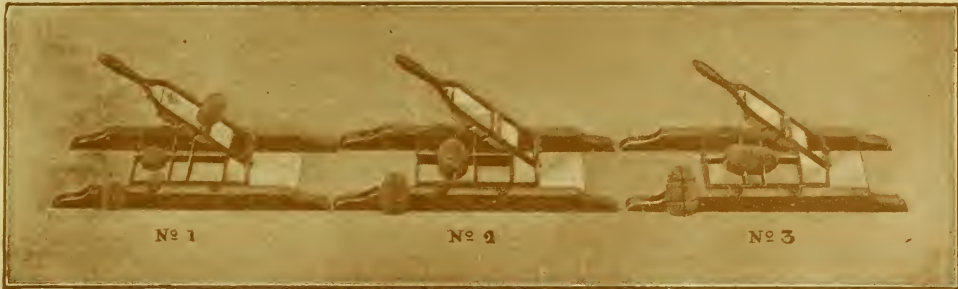
**Lang's Hand Weeder.** A very useful tool for hand weeding. A boy with one of these weeders can do twice as much work in a day as he could without it. **Price 25c each; 3 for 60c.** By mail, **30c each.**

**Garden Line.** Good strong hemp garden line, **50 feet, 30c;** (by mail, **35c**); **100 feet, 50c;** **200 feet 90c.**

**Garden Stalks or Labels.** Very useful for marking the name of seeds sown in the garden or hot bed; stalks **12 inches long, the best size for garden use, 15c per doz.;** **75c per 100.**

**Pot Labels.** Four inches long **20c per 100;** **\$1.00 per 1000.**

**Planet Jr. Garden and Farm Tools.** We can furnish any Planet Jr. tools required and should be glad to mail a complete catalogue of these tools on request. There are no better tools made.



## A NEW SEED POTATO CUTTER.

- No. 1** shows how a small potato is cut into two pieces, and also how the seed end is cut off if desired.  
**No. 2** shows how medium sized potatoes are cut into four pieces.  
**No. 3** shows how large potatoes are cut into six pieces.

This is the only really satisfactory Potato Cutter we have ever used. With it a man can cut five times as many potatoes in a day as by hand and cut them any way desired. The cutter is placed on top of a bushel crate or barrel so that the potatoes fall into it when cut. When cutting, the lever is raised with one hand and a potato placed on the knives with the other in such a position as will cut it in as many pieces as desired. (See picture above.) By a simple movement of the hand the potato is cut and falls into the box below.

To take off the "seed end" the potato is simply drawn over the knife blade on top of the plate as shown in Fig. No. 1. The pieces fall on a plate and are kept separate from the rest of the cut potatoes. This cutter will pay for itself in a day. A large grower cannot afford to be without one. The cutter is 2 feet long and 8 inches wide; weight 8 lbs. **Price \$2.75.**

# White Wyandottes

We have raised White Wyandottes exclusively for over fifteen years and have bred up a very fine strain that is as fine as any in the country. As we raise only the one kind we can give our fowls *free range* which keeps them *healthy and vigorous* and they are consequently far superior for breeding purposes to fowls that are kept confined in small yards as is necessary where more than one breed is raised.

**Price of Fowls.** Good large vigorous cockerels, **\$2.00 each;** **3 for \$5.00.**

These cockerels are perfectly pure bred and are just the thing to breed up a flock for practical purposes. It will pay those who have hens of common mixed breeds to get some of these pure bred White Wyandotte cockerels to improve the flock.

**EXTRA FINE COCKERELS,** carefully selected for purity of color, shape of comb, color of legs, etc., **\$3.00 to \$5.00 each** according to quality.

These are as fine cockerels as can be bought of other breeders for \$8.00 to \$10.00. They are good enough to put in any flock of pure-bred White Wyandottes for breeding purposes or show.

**PULLETS,** fine, large, early hatched pullets, carefully selected for breeding, **\$2.00 each.** Good large, healthy pullets, but not quite as fine as above, **\$1.75 each.**

**Eggs.** We can furnish eggs from our own carefully selected breeding stock. As we raise only one breed our flock has *free range*. We have scratching shed attached to our hen houses and every other advantage for getting good fertile eggs. As we cannot test eggs before sending them off, as we do seeds, of course we cannot tell how fertile they are. All we can do is to send only *perfectly fresh* eggs and give our hens the best of care and food. We pack the eggs in the most careful manner and guarantee that they shall reach the purchaser in good condition.

1 setting, 13 eggs, **\$1.25.**

2 settings, 26 eggs, **\$2.00.**

50 eggs, **\$3.25.**

100 eggs, **\$6.00.**

The eggs and fowls are sent by express at the expense of the purchaser. They are packed in very light carriers so as to make the express charges as low as possible.

JOSEPH HARRIS CO., Coldwater, N. Y.





# New Fall-bearing Strawberries



Photograph of a single plant of Autumn Strawberry from our own grounds, taken September 8, 1912

THE writer had always been rather skeptical as to the value of the Fall-bearing Strawberries until he saw a half-acre or more in full bearing a year ago last August. These berries were a remarkable sight. Each plant was producing a perfect mass of berries—some ripe and others in all stages of growth. The ripe berries were large and of fine quality.

*And this was on plants set out in the spring, only three or four months before.*

It is no longer necessary to wait a whole year after you set out strawberry plants before you get any fruit.

With these new fall-bearing varieties you can get ripe strawberries in three months after setting out the plants.

These same plants will give a crop the following June and another (but not so large) in September. They therefore give *three crops to one of the old kinds*.

**Pan-American** This was the first true fall-bearing variety of American origin. The plants are very strong and robust with large, healthy foliage, and do not make runners to any extent, throwing all their energy into producing fruit—a single plant often having 50 or more berries on it at one time. The berries are round, smooth and of excellent quality. Perfect flower.

Plants 10c each; doz. \$1.00, postpaid. By express, doz. 85c; 50 plants \$2.50.

**Autumn** This is a seedling of Pan-American. It produces better fruit than that variety and more of it, but the flowers are imperfect, so it is necessary to plant some perfect flowered variety near them. Autumn makes a great many more plants than Pan-American, so they can be sold at a much lower price. One plant of Pan-American to ten plants of Autumn is enough. The runners must be cut off the Autumn as fast as they appear. If the runners are allowed to grow very few berries will be produced the first season, but if kept cut off the plants will crown up and produce a large crop of berries in August, September and October. The fruit is of good size, deep glossy red, firm and of fine quality.

Doz. 25c; 50 plants 75c; 100 \$1.25 postpaid. By express, \$1.00 per 100; \$6.00 per 1000.

**Directions for Culture** The plants should be set out in the spring in rows  $2\frac{1}{2}$  feet apart and 12 to 15 inches apart in the row. The soil should be rich and not too light. After the plants are set out and well started, fertilize with nitrate of soda scattered over the bed when the leaves are perfectly dry, using about a pound to every 25 or 30 plants. Scatter the nitrate over the whole ground, not around each plant. Keep the soil well cultivated and as soon as any runners appear cut them off—*this is important*.

*For other varieties of Strawberries see page 71.*

## JOSEPH HARRIS CO., COLDWATER, N. Y.